

ALBERTA

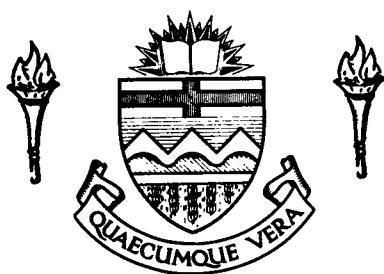
MINES
BRANCH

REPORTS

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ANNUAL REPORT
OF
THE MINES BRANCH
OF THE
Department of Lands and Mines
OF THE
PROVINCE OF ALBERTA

1941



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Edmonton, Alberta,
February 23rd, 1942.

TO THE HON. N. E. TANNER,
Minister of Lands and Mines.

SIR:

I herewith submit the report of The Mines Branch for the year ending December 31, 1941.

Respectfully submitted,

A. A. MILLAR,
Chief Inspector of Mines.

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ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR
ENDING DECEMBER 31st, 1941

(ANDREW A. MILLAR, *Chief Inspector*)

The output of coal produced from mines in the Province during the year 1941 was 6,970,064 tons, with a valuation of \$19,337,420.00, this being an increase of 764,976 tons over the output produced for 1940, and is the third highest tonnage produced in the history of the Province.

In addition to the above tonnage, there were 227 tons produced by farmers under permit for their own use, which has not been included in the total output.

The disposition of coal during the year was as follows: 1,335,606 tons sold for consumption in Alberta; 2,023,110 tons sold for consumption in other Provinces of Canada; 32,742 tons to the United States; 3,090,290 tons sold to railroad companies; 117,986 tons were used in making briquettes; 105,390 tons used in making coke; 137,739 tons used under colliery boilers; 7,523 tons used by colliery railroads; 54,436 tons were put to stock, and 10,973 tons were put to waste.

The railways took 369,497 tons more than in 1940. There was also an increase in shipments to Ontario.

During the year 5 shale pits produced 44,109 tons of shale and clay from which 13,593,050 bricks and 8,080 tons of hollow tile were made.

There were 239 mines producing coal during the year, of which 8 opened, 1 re-opened and 26 abandoned. In addition to the mines abandoned, 24 were closed, leaving 207 mines in operation as at December 31st, 1941.

The number of men employed during the month of December was 9,229, being 159 more than for the corresponding month in 1940.

On March 10th, Mr. Wm. Goodwin was appointed as District Inspector of Mines with headquarters at Edson, succeeding Mr. Thomas Horne, who was superannuated.

I regret to report that the number of fatal accidents for the year was 48, as compared with 13 in 1940.

Included in the list of fatalities was one that happened to William Bevington, who was engaged prospecting about 1½ miles from the mine at Luscar. He was working alone when a cave occurred, suffocating Bevington. Under the conditions, Bevington should not have been working alone.

On June 12th in Room 27 off No. 7 Level, North of Greenhill Mine, Blairmore, a considerable quantity of coal ran away from the face without warning and caught two men working in same, with fatal results. Large volumes of inflammable gas accompanied the ejection of the coal, and difficulty was experienced in clearing out the gas and recovering the men.

This occurrence was repeated in Room 28 two weeks later, but fortunately no person was injured.

As a result the area in question was stopped until I could examine the same, which I did later.

The inclination of this seam was found to have increased to about 45 degrees, and when under gas pressure the coal was liable to run and get out of control, liberating gas in quantity.

After giving consideration to the conditions, the management was asked, and agreed, to reduce the size of the places and drive them on an angle instead of straight up the pitch, place the timbers closer and to keep the face lagged up so as to keep the coal under control.

Close supervision has also been exercised, and I am pleased to report no further trouble has been experienced.

On June 24th at the Western Crown Mine, East Coulee, an explosion of gas occurred in which three officials were killed, while a fourth person, the Manager of the Regal Mine, who was engaged in trying to rescue the other men, was overcome by Carbon Monoxide, and was dead when brought out by the rescue men.

This was a new mine, only in a short distance from the surface and had only light surface cover. All the mines in the district, some of which are working on a large scale, are working with open lights and open light conditions.

The mine was being opened up on the two entry system, and the point of the explosion was a dead end off a crosscut from the main to the back entry, at which point the seam was in a troubled condition due to local faults, bone and clay intrusions, which was a likely reservoir for small pockets of firedamp.

It is believed that shot firing, coupled with the men being allowed to smoke, was the cause of the explosion. Two shots were to be fired in the place, and it is thought that the first shot liberated a small pocket of gas, which was ignited by the men during the process of preparing the second shot to be fired, while smoking either a pipe or cigarette.

This mine was operating as an open light one, and no restrictions were placed on men smoking, and although electric lamps were in use, these had been installed solely for the sake of efficiency and cleanliness.

A safety lamp inspection of this place had been made that morning and no indication of gas was found, and reasonable precautions were being taken. This mine was placed on a strictly safety lamp basis following the explosion.

Orders were also given other mines in the vicinity to carry out safety lamp inspections and gas detector observations, so as to safeguard against a similar occurrence in these open light mines.

The accident shows that the utmost vigilance is necessary at all times for safety, and a mine, even if no gas has been found in it previously or over a long period of time, cannot be regarded as one in which gas may not be found at any moment.

On October 31st an accident occurred at the Brazeau Collieries Mine, Nordegg, through an explosion.

In this accident 29 persons were killed. This accident was evidently caused by an explosion of gas, the full cause of which at present is unknown.

For the purpose of enquiring into the cause, the Government appointed Mr. Justice A. F. Ewing of the Alberta Supreme Court

as Commissioner to conduct an enquiry, but the report of the Commission is not available.

Very little labour trouble occurred during the year.

There has been a shortage of labour reported in some districts during the year, and if it had not been an exceedingly mild winter some difficulty would have been experienced by the domestic mines in filling orders. Machinemen, tracklayers, mine electricians and some classes of labour are not obtainable, and further recruitment is going to make it difficult for the mines to carry on.

With the increased need for coal due to the war and the increasing difficulty likely to arise in getting help at the mines, it would appear necessary that some effort be made to have the mines, particularly the domestic ones, operate over a longer period than has been the case within recent years.

More coal should be put into stock by the dealers earlier in the season such as used to be the practice some years ago, and the buying public should be pressed to put in their coal supply as soon as possible. This should be impressed on the Ontario dealers, for I am of the opinion if they are going to get any large tonnage of Alberta coal in 1942, they will have to place their orders early.

It cannot be expected that mines will work three and four days per week for one month and work time and a half the next as well as Sundays, simply because the dealers and consumers have failed to put in supplies when same were available.

Considerable difficulty is now being experienced by the mines in getting different kinds of materials and equipment. This applies particularly to electrical equipment and electric motors, as these motors have to be specially constructed to render them safe to use in mines. Any substitution of motors or equipment not fully flame-proofed is going to reduce the safety factor in our mines. Some consideration of these matters should be given by the authorities.

At the present time it does not seem possible to purchase and obtain delivery on some kinds of gas detectors unless a priority rating is obtained.

Samples of mine air were taken at various mines during the year by the Inspectors and sent to the Chemistry Branch of The Department of Mines, Ottawa, for analysis; this having been done in addition to testing the air with the Burrell, McLuckie and M.S.A. Detectors.

Samples of coal were collected and forwarded to the Industrial Research Council, University of Alberta, for analysis.

All fatal and serious accidents have been investigated by the Inspectors, who also attended the inquests held in their districts, this being in addition to the regular inspection of the mines. All complaints made to the Department were also investigated.

There were 22 prosecutions instituted for contraventions of The Mines Act, made up as follows: 3 operators, 1 manager, 1 overman, 2 examiners, 11 miners, 1 trapper, 1 agent, 2 timber packers.

There were 35,973,384 K.W. hours of purchased electrical power used by the mines in the Province during the year.

The distribution of purchased power by the mines in the various areas was as follows:

Big Valley, 9,120 K.W. hours purchased from the Union Power Co., Ltd., Drumheller, who also supplied 142,070 K.W. hours to mines in Carbon and 4,891,464 K.W. hours to mines in the Drumheller area.

The Calgary Power Co., Ltd., supplied electrical power to mines in areas as follows: Camrose 17,067 K.W. hours, Cascade 2,282,060 K.W. hours, Edmonton 522,760 K.W. hours, Gleichen 2,250 K.W. hours, Lethbridge 2,198,030 K.W. hours, Taber 11,000 K.W. hours, Nordegg 2,376,000 K.W. hours, Saunders 112,800 K.W. hours.

The City of Medicine Hat supplied mines in the Redcliff area with 54,000 K.W. hours.

The City of Edmonton supplied 717,800 K.W. hours to the Edmonton mines.

The mines in the Crowsnest area purchased 22,581,758 K.W. hours from the East Kootenay Power Co., Ltd.

Two mines in the Coalspur area exchanged 55,025 K.W. hours.

The protective equipment in use is as follows: 2,393 hard hats, 677 pairs of safety shoes, 142 pairs of goggles and 376 pairs of knee caps, which is a considerable increase in the first three mentioned items, compared with the year 1940.

During the year, 565 miners were granted certificates, 148 of which are Class "A"; a total of 16,499 miners' certificates have been issued since the passing of the Act requiring same.

The Regal Coal Co., Ltd., installed 4 Goodman Duck-Bill loaders, each 20 H.P.; 4 Goodman short wall under cutters, each 35 H.P.

The Monarch Coal Mining Co., Ltd., East Coulee, installed a motor generator set and trolley locomotive, 1-30 H.P. coal cutter, and a small 5 H.P. spotting hoist.

Murray Collieries, Ltd., installed a 75 H.P. motor generator set and one trolley locomotive, also one C.E. 7 Sullivan Coal Cutter.

Empire Collieries, Ltd., East Coulee, installed a 10 H.P. single drum hoist.

Western Gem & Jewel Collieries, Ltd., installed 2 additional transformer banks underground.

Rosedale Collieries installed a 15 H.P. Booster fan underground.

Red Deer Valley Coal Co., Ltd., installed a main and tail rope haulage driven by 60 H.P. electric motor, one Goodman Duck-Bill unit with 20 H.P. electric motor, one Goodman short wall coal cutter, 35 H.P.

Monarch Coal Mining Co., Ltd., installed another Goodman Duck-Bill loader with 20 H.P. electric motor and one small 3 H.P. spotting hoist.

Hillcrest Mohawk Collieries, Ltd., installed 1 electric 37½ H.P. hoist, 1 electric 7½ H.P. fan, 1-10 H.P. air compressor, 1 conveyor with 20 H.P. electric motor, 1 box car loader and 1 box car puller, each 20 H.P.

West Canadian Collieries, Ltd. (Bellevue Mine), installed a 35 H.P. electric hoist underground, also 3 Duck-Bill loaders operated by compressed air.

The Lethbridge Collieries, Ltd., Lethbridge, installed a new cleaning plant with motors totalling 100 H.P.; 2 shaker conveyors each driven by 20 H.P. motors, and 1 Meco Duck-Bill loader operated by a 25 H.P. motor.

The Kerralta Coal Co. installed a 30 H.P. electric Sullivan coal cutter.

Canmore Mines, Ltd., installed a hoist at new slope, operated by a 2,300 volt 100 H.P. motor.

Brazeau Collieries, Ltd., installed a new briquette plant; 1-50 H.P. electric hoist underground, also 2 electric pumps, one 15 H.P. and the other 3 H.P. They are now mining coal with compressed air picks.

Mountain Park Coals, Ltd., installed a creeper at top of slope with a 10 H.P. motor, also a new dryer with several motors. They have completed a new rock slope and cross measure tunnel to No. 3 seam and installed a fan to ventilate the workings of same.

Luscar Coals, Ltd., installed a 150 H.P. electric hoist underground. Two new openings have been made on the Cadomin limb of the seam, and fans have been installed to ventilate same. The coal is trucked a distance of approximately two miles to the loading bins near the main slope.

The Lakeside Coals, Ltd., at Robb installed a main and tail rope haulage underground with a 20 H.P. motor.

Foothills Collieries, Ltd., installed a 75 H.P. electric pump and a 7½ H.P. electrically operated tugger hoist underground.

The West Canadian Collieries, Ltd. (Greenhill Mine) installed a compressed air operated Duck-Bill loader. Fans have been installed at three new openings from which the coal is hauled by trucks to the main tippie; several coal bins have been built to handle the coal from the new openings. An endless rope haulage electrically driven has been installed to haul the coal from the No. 4 seam. They have also added an air compressor unit of 900 cu. ft. per min. capacity and a plant for charging Cardox shells, capacity 75 to 100 shells per day.

The Canadian Collieries (Dunsmuir), Ltd., took over the mine operated by the McLeod River Hard Coal Co., Ltd., near Mercoal, and are now operating under the name of McLeod River Hard Coal Co. (1941), Ltd.

Thirty-two Collieries, Ltd., now operate the No. 1157 Mine, previously known as the Bryan mine.

The International Coal & Coke Co., Ltd., have driven their main rock tunnel 2,316 feet during the year.

ANNUAL PRODUCTION OF COAL FROM MINES IN THE PROVINCE OF ALBERTA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada" for the year 1940:

Calendar Year	Short Tons	Value
1886	43,220	\$ 81,112
1887	74,152	157,577
1888	115,124	183,354
1889	97,364	179,640
1890	128,753	198,298
1891	174,131	437,243
1892	178,970	460,605
1893	230,070	586,260
1894	184,940	473,827
1895	169,885	382,526
1896	209,162	581,832
1897	242,163	630,408
1898	315,088	787,720
1899	309,600	774,000
1900	311,450	778,625
1901	340,275	850,687
1902	402,819	960,601
1903	495,893	1,117,541
1904	661,732	1,404,524
1905	931,917	1,993,915
1906	1,246,360	2,614,762
1907	1,591,579	3,836,286
1908	1,685,661	4,127,311
1909	1,994,741	4,833,109
1910	2,894,469	7,065,736
1911	1,511,036	3,979,264
1912	3,240,577	8,113,525
1913	4,014,755	10,418,941
1914	3,683,015	9,350,392
1915	3,360,818	8,283,079
1916	4,559,054	11,386,577
1917	4,736,368	14,153,685
1918	5,972,816	20,537,287
1919	4,933,660	18,205,205
1920	6,907,765	30,186,933
1921	5,909,217	27,246,514
1922	5,990,911	24,351,913
1923	6,854,397	28,018,303
1924	5,189,729	18,884,318
1925	5,869,031	20,021,484
1926	6,503,705	20,886,103
1927	6,934,162	21,982,058
1928	7,336,330	23,532,414
1929	7,150,693	22,928,182
1930	5,755,528	18,063,225
1931	4,564,015	13,342,675
1932	4,870,648	13,526,309
1933	4,718,788	12,307,258
1934	4,753,810	12,556,099
1935	5,462,894	14,094,795
1936	5,696,960	14,659,705
1937	5,562,839	14,563,911
1938	5,251,233	13,698,470
1939	5,519,208	14,415,281
1940	6,203,839	16,377,959
Total	174,047,319	\$535,574,363

NOTE: Production quantities and values prior to 1919 refer to sales and colliery consumption. From 1919 to 1940 the mine output figures are given.

ANNUAL CONSUMPTION OF COAL IN CANADA, 1902-1940

The following revised table is taken from the report issued by the Dominion Bureau of Statistics for the year 1940:

Year	Canadian*		Imported coal "Entered for consumption"				Total	Per Capita	
			From U.S.A.		From Great Britain				Total†
	Short tons	%	Short tons	%	Short tons	%			
1902	5,376,413	53.1	4,656,286		101,726	4,734,559	46.9	10,110,972	
1903	6,005,735	47.3	6,520,931		184,593	6,678,450	52.7	12,684,185	
1904	6,697,183	47.9	7,238,869		85,687	7,297,482	52.1	13,994,665	
1905	7,032,661	49.4	7,233,738		68,500	7,215,446	50.6	14,249,107	
1906	7,927,560	50.5	7,787,338		67,014	7,758,353	49.5	15,685,885	
1907	8,617,352	45.0	10,588,697		54,325	10,549,503	55.0	19,166,855	
1908	8,156,478	47.3	10,203,335		97,514	10,195,424	52.7	19,351,902	
1909	8,913,376	47.9	9,805,253		67,671	9,711,826	52.1	18,625,202	
1910	10,532,103	50.2	10,545,451		51,541	10,437,123	49.8	20,970,226	
1911	9,822,749	40.5	14,510,129		48,963	14,424,949	59.5	24,247,698	
1912	12,385,696	46.0	14,557,124		38,668	14,549,104	54.0	26,934,800	
1913	13,450,158	42.6	18,145,769		37,825	18,132,387	57.4	31,582,545	
1914	12,214,403	45.5	14,687,853		33,101	14,637,920	51.9	23,852,323	
1915	11,500,480	48.1	12,450,796		15,098	12,406,212	54.5	23,906,692	
1916	12,348,036	41.3	17,576,202		4,401	17,517,820	58.7	29,865,856	
1917	12,313,603	37.2	20,848,009		9,451	20,810,132	62.8	33,123,735	
1918	13,160,731	37.8	21,674,826		3,761	21,611,101	62.2	34,771,832	
1919	14,025,566	40.3	17,292,913		3,344	17,236,269	59.7	28,847,437	
1920	12,715,724	41.1	18,752,981		1,591	18,668,741	57.1	32,694,307	
1921	13,044,352	41.1	18,300,081		765,950	18,258,367	57.1	30,974,121	
1922	13,070,962	50.2	12,255,555		765,950	12,962,189	58.9	28,006,541	
1923	12,529,358	41.8	20,417,239		572,570	20,967,971	48.8	36,038,953	
1924	12,125,290	42.6	16,405,344		317,112	16,714,143	58.2	29,243,501	
1925	15,086,296	47.7	15,744,957		604,117	16,331,971	57.4	28,457,261	
1926	15,944,983	47.7	16,204,405		287,299	16,565,555	52.3	31,651,851	
1927	16,487,807	46.7	17,266,434		287,299	18,177,303	53.3	34,122,286	
1928	16,387,461	50.0	15,830,688		682,755	16,515,582	50.0	33,003,389	
1929	14,052,671	48.0	16,780,452		843,502	17,724,132	52.0	34,111,593	
1930	11,682,779	43.3	16,971,933		1,144,861	18,412,039	56.7	32,464,710	
1931	11,682,779	47.7	11,793,798		987,442	12,826,327	52.3	24,511,106	
1932	11,212,701	49.0	9,889,866		1,727,716	11,654,492	51.0	22,867,193	
1933	11,456,273	51.5	8,865,935		1,942,875	10,808,962	48.5	22,265,235	
1934	13,236,406	51.1	10,580,710		1,981,116	12,651,168	48.9	25,887,574	
1935	13,306,303	53.1	9,618,518		1,822,500	11,735,835	46.9	25,042,138	
1936	14,508,642	53.3	10,801,643		1,498,656	12,719,515	46.7	27,228,167	
1937	15,172,729	51.5	12,574,574		1,211,052	14,268,585	48.5	29,441,314	
1938	13,800,094	53.5	10,754,747		1,257,887	12,012,634	46.5	25,812,728	
1939	14,902,915	50.7	12,838,347		1,099,419	14,479,668	49.3	29,382,583	
1940	16,666,234	49.5	15,509,778		1,514,458	17,036,090	50.5	33,702,324	

*The sum of Canadian coal-mine sales, colliery consumption, coal supplied to employees, and coal used in making coke, etc., less the tonnage of coal exported.

†Includes small tonnages from countries other than Great Britain and the United States. Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehoused for ships' stores.

THE MINES BRANCH

The following table shows the quantity of coke imported into Canada during the years 1939, 1940 and 1941, through ports in the Provinces, compiled from information from the Dominion Bureau of Statistics:

Ports in Province of	1939 Coke		1940 Coke		1941 Coke	
	Made from Petroleum	Made from Coal	Made from Petroleum	Made from Coal	Made from Petroleum	Made from Coal
Nova Scotia	53,722	937	107,776	1,116	104,698	2,011
Quebec	93,334	23,442	77,105	32,572	130,613	34,195
Ontario .....	.....	381,179	.....	676,552	45	567,412
Manitoba .....	.....	10,375	.....	8,498	.....	10,295
Saskatchewan	634	1,729	453	600	496	27
British Columbia .....	.....	.....	.....	.....	.....	477
Total	147,690	435,871	185,334	719,338	235,852	614,417

Figures on Imports of Coke into Canada, by Countries, not available for the duration.

Quantity of coal in tons entered for consumption for each year since 1919, through ports in the Provinces of Ontario, Manitoba, Saskatchewan, Alberta, British Columbia and Yukon.

BITUMINOUS COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia & Yukon	Total Canada
1919	7,641,682	483,991	59,253	1,063,793	9,248,719	62,746	1,406	1,131	6,700	12,010,490
1920	10,261,237	571,879	111,937	1,391,709	12,336,903	43,547	535	607	13,128	15,902,632
1921	8,605,872	659,763	127,956	1,316,155	10,709,746	76,833	2,127	1,820	17,081	13,536,250
1922	7,424,171	445,019	68,082	1,517,250	9,454,522	74,848	1,484	1,147	13,966	11,563,467
1923	11,621,859	619,037	95,439	1,731,667	14,068,002	112,134	1,607	1,110	17,918	17,517,108
1924	8,763,676	403,388	70,259	1,500,525	10,737,848	143,607	2,422	1,209	25,049	12,619,082
1925	9,100,462	286,984	81,173	497,264	9,884,710	147,758	1,732	1,175	40,286	13,015,323
1926	10,531,095	199,908	83,182	965,105	11,696,108	149,374	1,887	1,515	32,992	13,802,242
1927	11,572,678	221,694	90,864	1,273,691	13,158,927	142,860	2,141	1,324	22,648	15,178,640
1928	10,539,408	194,718	103,594	1,481,228	12,318,948	97,002	2,536	1,360	18,682	13,966,183
1929	11,232,027	143,889	100,141	1,591,656	13,067,713	38,801	2,477	1,327	18,526	14,585,275
1930	10,421,748	165,499	70,403	1,297,939	11,955,589	24,898	1,816	1,351	8,886	13,345,308
1931	8,553,736	86,810	65,738	609,279	9,315,563	7,041	1,535	912	2,308	10,347,280
1932	6,867,307	62,019	48,915	7,670,072	12,298	12,298	1,459	830	3,582	8,532,318
1933	7,038,386	74,934	30,108	482,206	7,625,634	13,213	1,327	998	26,077	8,427,656
1934	8,472,143	126,671	37,085	602,510	9,238,409	12,103	1,235	1,302	2,301	10,268,945
1935	8,032,739	6,693	53,145	591,810	8,683,727	9,918	952	1,136	3,722(a)	9,549,457(b)
1936	8,448,795	156,229	61,764	688,950	9,351,758	14,101	847	1,205	3,524(d)	10,200,253(e)
1937	9,946,567	128,593	69,598	820,160	10,864,920	12,079	743	1,293	2,540(f)	12,241,270(h)
1938	7,981,712	113,746	56,806	698,371	8,850,635	9,061	783	1,116	2,701(k)	9,567,334(l)
1939	8,035,174	77,532	53,772	528,887	8,695,365	15,035	862	990	1,808(n)	9,903,613(o)
1940	11,312,806	28,363	30,138	503,782	11,875,089	7,066	692	795	2,391	13,578,708(x)
1941	13,910,140	.....	.....	503,782	14,731,647	10,021	671	1,062	1,646	17,867,068(x)

NOTE: Figures for Port Arthur, Fort Frances and Fort William omitted for duration.

(x) Consists of 13,382,389 tons from the United States and 196,316 tons from Great Britain.

ANTHRACITE COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia & Yukon	Total Canada
1919	2,977,913	119,234	559	346,442	3,444,148	12,906	.....	66	136	4,972,283
1920	2,943,134	69,206	2,648	236,476	3,221,464	17,509	206	517	75	4,912,964
1921	2,809,189	62,782	138	198,108	3,070,217	33,773	231	66	251	4,567,370
1922	1,586,924	21,507	12	36,018	1,644,461	54,715	231	.....	1,261	2,693,957
1923	3,061,779	28,229	429	54,329	3,144,766	55,856	2,291	.....	174	5,167,881
1924	2,599,568	4,775	237	84,513	2,689,093	34,222	1,720	.....	687	4,183,594
1925	2,203,281	37	170	50,731	2,254,049	34,396	702	30	246	3,798,744
1926	2,493,674	.....	56	60,810	2,554,494	17,990	464	.....	5,202	4,242,832
1927	2,173,515	.....	51	79,283	2,252,849	15,885	484	.....	3,812	4,063,619
1928	2,179,022	.....	42	57,494	2,236,558	10,130	579	.....	2,241	3,737,333
1929	2,246,063	352	303	52,369	2,299,087	9,180	365	.....	597	4,019,917
1930	2,090,457	.....	224	45,241	2,125,922	8,323	367	.....	1,123	4,256,090
1931	1,615,643	.....	.....	18,302	1,633,945	3,695	.....	.....	33	3,178,141
1932	1,250,755	.....	3	12,677	1,263,435	3,800	.....	3	702	3,138,157
1933	1,129,041	.....	8	8,742	1,137,791	5,669	57	.....	3,657	3,035,613
1934	1,374,881	.....	3,030	7,934	1,385,845	6,086	.....	75	282	3,537,309
1935	1,370,119	.....	19	9,455	1,379,593	5,852	49	.....	1,600	3,451,318(c)
1936	1,436,613	.....	135	16,350	1,453,098	5,884	58	.....	1,151	3,530,040(f)
1937	1,608,653	.....	8	21,052	1,629,713	5,639	66	34	61	3,572,268(i)
1938	1,697,601	.....	69	16,050	1,713,720	4,674	39	.....	280	3,714,001(m)
1939	2,043,142	.....	297	18,459	2,061,898	4,696	.....	33	.....	3,977,805(p)
1940	2,033,585	.....	.....	10,571	2,044,156	4,466	34	.....	236	3,964,862(q)
1941	2,343,406	.....	.....	.....	2,362,433	10,021	.....	16	30	3,940,859

*These figures show the total imports and not the tonnages entered for consumption.

- (a) Includes imports into the Yukon Territory of 10 tons in July and 10 tons in October.
 (b) Consists of 9,168,428 tons imported from the United States, 380,645 tons imported from Great Britain, 43 tons imported from Alaska, 285 tons imported from Norway, 55 tons imported from Estonia and 1 ton imported from Poland.
 (c) Consists of 1,670,085 tons imported from the United States, 1,454,521 tons imported from Great Britain, 205,045 tons imported from Germany, 67,220 tons imported from Belgium and 54,447 tons imported from French Indo-China.
 (d) Includes imports into the Yukon Territory of 4 tons in April, 3 tons in May, 6 tons in June, 45 tons in July and 2 tons in October.
 (e) Consists of 10,042,127 tons imported from the United States, 149,905 tons imported from Great Britain, 9,421 tons imported from Germany, 361 tons imported from Norway, 124 tons imported from Denmark, 45 tons imported from Sweden, 35 tons imported from the Netherlands, 134 tons imported from Estonia, and 286 tons imported from Newfoundland.
 (f) Consists of 1,685,848 tons imported from the United States, 1,331,279 tons imported from Great Britain, 359,994 tons imported from Germany, 33,543 tons imported from Belgium, 122,572 tons imported from French Indo-China, 16,231 tons imported from the Netherlands, and 1,120 tons imported from China.
 (g) Includes imports into the Yukon Territory of 4 tons in March, 6 tons in May, 6 tons in June, 45 tons in July and 2 tons in October.

- (h) Consists of 12,333,378 tons imported from the United States, 56,073 tons imported from Great Britain, 54,061 tons imported from Germany, 113 tons imported from Norway, and 200 tons imported from Estonia.
- (j) Consists of 2,003,317 tons imported from the United States, 1,134,855 tons imported from Great Britain, 258,257 tons imported from Germany, 8,131 tons imported from Belgium, 154,495 tons imported from Russia, and 78 tons imported from Morocco.
- (k) Includes imports into the Yukon Territory of 8 tons in March, 10 tons in July and 8 tons in October.
- (l) Consists of 9,644,020 tons imported from the United States, 65,957 tons from Great Britain, 34,258 tons imported from Germany and 417 tons from Japan.
- (m) Consists of 1,973,610 tons from the United States, 1,199,131 tons from Great Britain, 407,031 tons from Germany, 34,182 tons from Belgium, 14,952 tons from Russia, 19,645 tons from Morocco, 37,594 tons from the Netherlands, and 30,302 tons from French Indo-China.
- (n) Includes imports into the Yukon Territory of 15 tons in July and 8 tons in December.
- (o) Consists of 9,836,110 tons from the United States, 67,483 tons from Great Britain and 20 tons from Norway.
- (p) Consists of 2,605,765 tons from the United States, 1,034,901 tons from Great Britain, 293,602 tons from Germany and 43,537 tons from French Indo-China.
- (q) Consists of 2,643,588 tons from the United States and 1,321,274 tons from Great Britain.

Imports of Coal into Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, Yukon and Canada, by months during 1941 (short tons):

BITUMINOUS COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Total Man. Sask. Alta., B.C. and Yukon	Total Canada
January	307,776	.....	.....	.....	310,892	579	62	116	50	.....	807	351,962
February	268,654	.....	.....	.....	270,347	748	31	60	142	.....	981	314,425
March	409,048	.....	.....	.....	410,386	1,098	106	226	182	.....	1,612	500,492
April	348,733	.....	.....	.....	350,334	409	67	80	.....	.....	556	401,039
May	806,113	.....	.....	.....	831,576	668	40	.....	140	.....	848	992,005
June	1,502,642	.....	.....	.....	1,619,590	255	98	229	.....	8	671	1,905,417
July	1,718,796	.....	.....	.....	1,792,508	686	127	69	186	.....	1,068	2,260,233
August	1,756,210	.....	.....	.....	1,883,414	302	39	.....	154	.....	495	2,239,863
September	1,925,851	.....	.....	.....	2,037,292	1,114	32	77	132	.....	1,355	2,442,688
October	1,849,987	.....	.....	.....	1,960,224	501	69	94	279	.....	943	2,414,748
November	1,781,690	.....	.....	.....	1,927,367	540	.....	73	132	.....	745	2,423,689
December	1,234,640	.....	.....	.....	1,337,717	3,121	.....	38	160	.....	3,319	1,620,507
Total	13,910,140	.....	.....	.....	14,731,647	10,021	671	1,062	1,638	8	13,400	17,867,068

NOTE.—Figures for Fort Frances, Fort William and Port Arthur not available for the duration.

ANTHRACITE COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Total Man. Sask. Alta., B.C. and Yukon	Total Canada
January	125,352	.....	.....	.....	125,352	585	.....	.....	.....	.....	585	177,447
February	146,442	.....	.....	.....	146,442	321	.....	.....	.....	.....	321	193,943
March	145,095	.....	.....	.....	145,095	426	.....	.....	.....	.....	426	202,750
April	73,674	.....	.....	.....	73,674	413	.....	16	.....	.....	429	115,647
May	238,251	.....	.....	.....	238,251	84	.....	.....	30	.....	114	317,685
June	302,273	.....	.....	.....	302,273	345	.....	.....	.....	.....	345	560,240
July	198,503	.....	.....	.....	198,503	397	.....	.....	.....	.....	397	373,962
August	251,015	.....	.....	.....	251,015	353	.....	.....	.....	.....	353	462,622
September	241,020	.....	.....	.....	244,051	305	.....	.....	.....	.....	305	470,448
October	281,782	.....	.....	.....	287,642	375	.....	.....	.....	.....	375	481,553
November	214,208	.....	.....	.....	219,507	354	.....	.....	.....	.....	354	371,945
December	125,791	.....	.....	.....	131,628	439	.....	.....	.....	.....	439	212,617
Total	2,343,406	.....	.....	.....	2,362,433	4,397	.....	16	30	.....	4,443	3,940,859

THE MINES BRANCH

MINERAL PRODUCTION OF ALBERTA, 1939 AND 1940

Prepared in the Mining, Metallurgical and Chemical Branch, Ottawa, Canada

	1939		1940	
	Quantity	Value	Quantity	Value
METALLICS:				
Gold, fine ounces	359	\$ 12,974	215	\$ 8,277
Silver, fine ounces	32	13	20	8
NON-METALLICS:				
Coal, short tons	5,519,208	14,415,281	6,203,839	16,377,959
Natural Gas, M. cu. ft.	22,513,660	4,915,821	27,459,808	4,923,469
Petroleum, barrels	7,576,932	9,362,363	8,362,203	10,694,394
Salt, tons	3,319	37,526	6,742	185,430
Sodium sulphate, tons	30	186	10	50
CLAY PRODUCTS AND OTHER				
STRUCTURAL MATERIALS:				
Cement, barrels	377,846	744,357	414,183	832,508
Clay products		461,079		838,856
Lime:				
Quicklime, tons	12,113	104,772	16,421	145,210
Hydrated, tons	386	3,860	451	4,510
Sand and gravel, tons	817,168	619,105	1,722,465	1,069,667
Stone, tons	3,048	14,280	3,981	11,999
Total		\$30,691,617		\$35,092,337

Particulars with reference to the coal-mining industry in the Province of Alberta during the year ending December 31, 1941:

SUMMARY OF STATISTICS

Tonnage stripped by farmers under domestic permits	227
Number of short tons of coal produced	6,970,064
Number of short tons of briquettes	126,481
Number of short tons of coke produced	70,354
Number of short tons of shale produced	44,109
Number of coal mines in operation during the year	239
Number of mines opened during the year	8
Number of mines re-opened during the year	1
Number of mines closed during the year	24
Number of mines abandoned during the year	26
Number of shale pits in operation during the year	5
Number of mines in operation at December 31st, 1941	207
86 mines or 35.99% of total operating produced .....	.55% of the output.
71 mines or 29.71% of total operating produced	2.18% of the output.
18 mines or 7.54% of total operating produced	1.95% of the output.
29 mines or 12.15% of total operating produced	8.80% of the output.
15 mines or 6.29% of total operating produced	14.18% of the output.
6 mines or 2.52% of total operating produced	10.52% of the output.
4 mines or 1.68% of total operating produced	9.94% of the output.
2 mines or .85% of total operating produced	7.19% of the output.
8 mines or 3.27% of total operating produced	44.69% of the output.
Average number of persons employed below ground	6,916
Average number of persons employed above ground	2,313
Number of separate accidents causing loss of life	17
Number of deaths caused by accidents above ground	2
Number of deaths caused by accidents below ground	46
Number of serious accidents above ground	7
Number of serious accidents below ground	71
Number of slight accidents above ground	12
Number of slight accidents below ground	130
Total purchased electrical power (Kilowatt hours)	35,973,384
Number of prosecutions instituted	22
Number of Provisional Certificates (overman) issued in 1941	121
Number of Certificates of Competency as Coal Miners in 1941	565
Number of Third Class Certificates issued in 1941	20
Number of Second Class Certificates issued in 1941	10
Number of First Class Certificates issued in 1941	5
Number of Mine Surveyors' Certificates issued in 1941	2
Number of Mine Electricians' Certificates issued in 1941	8
Total number of Third Class Certificates to December 31, 1941	1,518
Total number of Second Class Certificates to December 31, 1941	498
Total number of First Class Certificates to December 31, 1941	259
Total number of Mine Surveyors' Certificates to December 31, 1941	197
Total number of Mine Electricians' Certificates to December 31, 1941	111
Total number of Interchange First Class Certificates issued to December 31, 1941	5
Total number of Certificates of Competency as Coal Miners issued to December 31, 1941	16,499

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In the following tables the short ton of 2,000 lbs. is used in all cases.

Year	Output in tons for N.W.T. (Alta. & Sask.)	Output in tons for Alberta
1901	346,649	.....
1902	510,674	.....
1903	622,939	.....
1904	782,931	.....
1905	811,228
1906	1,385,000
1907	1,834,745
1908	1,845,000
1909	2,174,329
1910	3,036,757
1911	1,694,564
1912	3,446,349
1913	4,306,346
1914	3,821,739
1915	3,434,891
1916	4,638,604
1917	4,863,414
1918	6,148,620
1919	5,022,412
1920	6,908,923
1921	5,937,195
1922	5,976,432
1923	6,866,923
1924	5,203,713
1925	5,883,394
1926	6,508,908
1927	6,936,780
1928	7,334,179
1929	7,147,250
1930	5,755,911
1931	4,564,290
1932	4,870,030
1933	4,714,784
1934	4,748,848
1935	5,462,973
1936	5,696,375
1937	5,551,682
1938	5,230,025
1939	5,518,105
1940	6,205,088
1941	6,970,064

PARTICULARS OF WORK DONE IN SHALE MINES IN THE PROVINCE DURING 1941

Output of shale (in tons) used making bricks	34,829
Number of shifts worked	12,565
Average number of men employed	57
Explosives used (pounds), 40% Dynamite	5,550
Explosives used (pounds), Monobel	150
Number of shots fired, using fuse	2,336
Total number of bricks made	13,593,050
Total number of bricks put to stock	3,168,393
Total number of bricks lifted from stock	2,423,764
Bricks sold for use in: Alberta	6,446,615
British Columbia	1,062,980
Saskatchewan	3,842,845
Manitoba	1,201,800
Ontario	110,650
Total	12,664,890

Hollow tile made (tons)	8,080
Hollow tile put to stock (tons)	4,756
Hollow tile sold	6,517
Hollow tile lifted from stock	710

PARTICULARS OF WORK DONE BY FARMERS STRIPPING COAL UNDER DOMESTIC PERMIT

Tonnage	227
Number of days worked during the year	26
Number of men employed during the year	23
Total number of shifts worked	120
Total number of permits issued	15
Total number of permits used	9

The above coal was stripped for domestic use only and not for sale.

CLASSIFICATION OF OUTPUT DURING THE YEARS 1901 TO 1941 INCLUSIVE

Year	Domestic	Domestic and Bituminous	Sub-bituminous	Bituminous	Anthracite	Coal used in Coke production	Briquettes	Coke
1901*	.....	331,907	.....	.....	14,742	.....	.....	.....
1902*	.....	494,087	.....	.....	16,587	.....	.....	.....
1903*	.....	617,754	.....	.....	5,185	.....	.....	.....
1904*	.....	759,583	.....	.....	23,363	.....	.....	.....
1905*	.....	972,686	.....	.....	43,653	71,292	.....	46,640
1906	602,780	.....	.....	546,623	235,597	103,930	.....	69,844
1907	639,335	.....	.....	939,295	256,115	112,887	49,585	73,782
1908	584,334	.....	.....	1,001,571	249,095	128,397	.....	75,657
1909	763,673	.....	.....	1,197,399	213,257	148,104	89,785	87,812
1910	878,011	.....	.....	1,896,961	261,785	196,349	108,996	121,578
1911	964,700	.....	.....	649,745	80,119	61,591	35,984	.....
1912	1,341,389	.....	.....	1,926,371	178,589	170,818	90,000	105,684
1913	1,763,225	.....	.....	2,374,401	168,720	104,012	130,861	65,167
1914	1,697,401	.....	.....	2,373,367	170,971	44,249	109,082	29,058
1915	1,682,922	.....	.....	1,626,237	125,732	38,878	83,180	23,826
1916	2,172,801	.....	.....	2,335,259	146,544	67,105	107,959	41,950
1917	2,537,829	.....	.....	2,206,868	118,717	51,905	93,818	31,630
1918	3,035,061	.....	.....	2,982,334	131,225	53,462	100,470	32,858
1919	2,611,009	.....	.....	2,325,787	85,616	.....	70,033	.....
1920	3,359,309	.....	.....	3,419,021	130,594	.....	101,693	.....
1921	2,943,141	.....	.....	2,897,380	96,674	.....	82,466	.....
1922	3,086,669	.....	635,073	2,214,373	40,417	.....	33,663	.....
1923	3,161,741	.....	489,869	3,245,313	107	.....	39,638	.....
1924	3,096,660	.....	565,765	1,521,288	.....	.....	791	.....
1925	3,156,359	.....	581,835	2,145,200	.....	.....	11,381	.....
1926	3,160,029	.....	490,371	2,858,508	.....	.....	20,649	173
1927	3,357,171	.....	595,190	2,894,419	.....	287	24,768	.....
1928	3,378,200	.....	740,498	3,215,481	.....	.....	28,167	.....
1929	3,385,749	.....	668,108	3,093,393	.....	.....	24,111	.....
1930	2,874,090	.....	603,331	2,278,490	.....	.....	15,102	.....
1931	2,246,544	.....	471,389	1,846,357	.....	.....	13,582	2,183
1932	2,576,831	.....	559,479	1,733,720	.....	4,591	14,935	49,279
1933	2,434,047	.....	554,141	1,726,596	.....	75,275	15,906	59,703
1934	2,295,566	.....	537,542	1,915,740	.....	91,745	18,812	63,428
1935	2,647,912	.....	566,436	2,248,625	.....	98,233	21,015	65,239
1936	2,841,231	.....	566,486	2,299,658	.....	97,353	27,044	65,967
1937	2,631,150	.....	506,529	2,414,003	.....	99,537	39,239	68,692
1938	2,453,263	.....	488,912	2,287,850	.....	103,498	46,510	68,913
1939	2,449,199	.....	512,105	2,556,801	.....	103,191	66,127	70,753
1940	2,537,205	.....	598,686	3,069,197	.....	105,926	14,932	6,333
1941	2,713,254	.....	585,453	3,671,357	.....	117,986	.....	.....

*Includes output from Alberta and Saskatchewan. Previous to 1922 sub-bituminous was included in bituminous coal.

During the year 1909 a strike affecting all the larger mines in the Province, lasted for a period of three months.

During the year 1911 a strike affecting all the larger mines in the Province, lasted for a period of eight months.

During the year 1917 a strike affecting all the larger mines in the Province, lasted for a period of three months.

During the year 1919 a strike affecting all the larger mines in the Province, lasted for a period of three months.

During the year 1922 a strike affecting all the larger mines in the Province, lasted for a period of five months.

During the year 1924 a strike affecting all the larger mines in the Province, lasted for a period of six and one-half months.

Total output of COAL, COKE and BRIQUETTES disposed of during 1941:

	Sold for Consumption in					Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including waste put to stock and lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States										
Domestic	1,229,509	72,883	992,878	216,875	135,903	8,715	2,656,763	23,039	698	.....	.....	33,371	27,419	26,295	1,741	2,713,254
Sub-Bituminous	43,812	55,085	29,018	59,440	42,358	590	294,785	30,994	6,080	.....	.....	5,311	18,881	901	.....	585,453
Bituminous	62,285	176,960	31,017	154,348	56,345	23,437	2,795,505	83,706	745	117,986	105,390	15,754	64,673	16,794	.....	3,671,357
Total	1,335,606	304,928	1,052,913	430,663	234,606	32,742	3,090,290	137,739	7,523	117,986	105,390	54,436	110,973	43,990	1,741	6,970,064
Briquettes	4,253	3,132	3,599	26,054	50,270	.....	126,481	.....	.....	.....	.....	3,674	.....	3,967	.....	126,188
Coke	84	70,226	.....	44	.....	.....	70,354	.....	.....	.....	.....	.....	.....	.....	.....	70,354

Total output of COAL, COKE and BRIQUETTES disposed of during 1940:

Domestic	1,216,116	61,747	959,706	167,246	76,597	7,897	2,489,309	22,688	934	.....	.....	25,057	24,491	22,403	2,871	2,537,205
Sub-Bituminous	36,408	41,055	24,111	66,460	21,428	.....	358,735	548,211	6,030	.....	.....	1,679	16,031	2,917	.....	*598,686
Bituminous	59,120	134,840	35,218	121,151	35,562	27,457	2,362,058	79,945	525	62,376	105,926	23,412	49,116	27,509	.....	3,069,197
Total	1,311,644	237,642	1,019,035	354,857	133,587	35,354	2,720,793	132,285	7,489	62,376	105,926	50,148	89,638	52,829	2,871	6,205,088
Briquettes	3,519	2,885	4,422	14,970	16,213	.....	66,134	.....	.....	.....	.....	369	.....	376	.....	66,127
Coke	48	70,705	.....	.....	.....	.....	70,753	.....	.....	.....	.....	.....	.....	.....	.....	70,753

*Includes 14 tons shipped to North-West Territories during 1940.

THE MINES BRANCH

How total output of DOMESTIC COAL from the Province was disposed of by Areas during 1941:

	Sold for Consumption in					Used under Colliery Boilers	Used by R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and lifted from stock or waste
	Alberta	British Columbia	Saskat- chewan	Manitoba	Ontario	United States						
Ardley	9,797	.....	256	.....	.....	.....	383	500	115	20	.....	10,916
Big Valley	3,675	.....	44	127	.....	.....	3,846	45	.....	.....	.....	4,006
Brooks	11,301	.....	.....	.....	.....	.....	11,301	.....	.....	.....	.....	11,446
Camrose	50,136	.....	2,786	114	.....	.....	53,036	95	1,771	505	782	54,786
Carbon	45,949	293	7,602	2,546	278	.....	56,668	1,122	356	1,522	.....	57,207
Castor	41,340	.....	.....	.....	.....	.....	41,340	14	1,487	10	.....	43,006
Champion	12,979	.....	.....	.....	.....	.....	12,979	224	.....	.....	.....	13,203
Drumheller	253,773	49,546	788,273	195,194	131,121	1,713	1,419,620	27,961	19,725	18,312	544	1,458,455
Edmonton	467,355	533	4,821	1,930	.....	.....	474,639	1,923	452	4,223	.....	477,637
Gleichen	25,642	.....	.....	.....	.....	.....	25,642	31	.....	33	.....	25,642
Halcourt	3,597	.....	.....	.....	.....	.....	3,597	1,606	322	1,454	.....	3,595
Lethbridge	177,978	22,288	110,486	14,411	4,504	6,962	336,629	.....	.....	.....	.....	339,579
Magrath	21	.....	.....	.....	.....	.....	21	.....	.....	.....	.....	21
Milk River	3,635	.....	.....	.....	.....	.....	3,635	.....	213	.....	.....	3,848
Pakowki	635	.....	.....	.....	.....	.....	635	.....	.....	.....	.....	635
Pembina	56,481	223	6,090	1,473	.....	.....	64,267	26	131	21	.....	66,746
Redcliff	10,678	.....	13,764	697	.....	.....	25,139	.....	.....	.....	.....	25,837
Rochester	1,941	.....	.....	.....	.....	.....	1,941	39	.....	.....	.....	1,980
Sexsmith	88	.....	.....	.....	.....	.....	88	.....	.....	.....	.....	88
Sheerness	14,941	.....	23,188	.....	.....	.....	38,129	.....	1,076	.....	.....	39,205
Taber	12,491	840	.....	.....	.....	40	13,371	.....	1,527	.....	413	14,852
Tofield	20,829	.....	34,728	383	.....	.....	55,940	5	.....	5	.....	56,485
Westlock	1,314	.....	.....	.....	.....	.....	2,546	.....	.....	.....	.....	1,314
Wetaskiwin	2,546	.....	.....	.....	.....	.....	2,546	.....	.....	.....	.....	2,546
Whitecourt	387	.....	.....	.....	.....	.....	387	4	20	190	2	219
Total	1,229,509	72,883	992,878	216,875	135,903	8,715	2,656,763	33,371	27,419	26,295	1,741	2,713,254

How the total output of SUB-BITUMINOUS COAL was disposed of during 1941:

	Sold for Consumption in					Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by R.R. Colliery	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Total Output
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
Coalspur	29,832	54,449	18,685	46,088	27,625	590	456,258	24,597	6,080	.....	.....	4,927	18,594	523	509,933
Pekisko	6,463	40	320	.....	.....	.....	6,823	154	.....	.....	.....	.....	.....	.....	6,977
Pincher	530	.....	.....	.....	.....	.....	530	.....	.....	.....	.....	87	287	81	823
Prairie Creek	143	.....	.....	.....	.....	.....	15,939	1,049	.....	.....	.....	.....	.....	.....	16,988
Saunders	6,844	596	10,013	13,352	14,733	.....	45,538	5,194	.....	.....	.....	297	.....	297	50,732
Total	43,812	55,085	29,018	59,440	42,358	590	525,083	30,994	6,080	.....	.....	5,311	18,881	901	585,453

BITUMINOUS COAL															
Cascade	12,230	4,859	4,493	26,779	4,241	.....	233,065	16,894	745	71,105	.....	4,290	174	4,071	322,202
Crowsnest	38,064	171,897	25,751	60,863	51,144	23,437	1,835,734	15,753	.....	1,542	105,390	10,260	64,439	11,963	2,021,155
Highwood	401	.....	.....	.....	.....	.....	401	.....	.....	.....	.....	264	60	25	700
Mountain Park	10,457	204	733	66,388	132	.....	938,876	46,716	.....	.....	.....	217	.....	58	985,751
Nordegg	1,133	.....	40	318	828	.....	291,821	4,343	.....	45,339	.....	723	.....	677	341,549
Total	62,285	176,960	31,017	154,348	56,345	23,437	3,299,897	83,706	745	117,986	105,390	15,754	64,673	16,794	3,671,357

How the total output of DOMESTIC COAL was disposed of by months during 1941:

	Sold for Consumption in						Total Sales	Used under Colliery Boilers	Used by R.R. Colliery	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste but not lifted from stock or waste
	Alberta	British Columbia	Saskat- chewan	Manitoba	Ontario	United States								
January	168,565	6,049	137,837	28,278	15,436	1,511	357,676	2,913	80	4,202	1,309	2,620	139	363,421
February	116,545	3,421	88,437	18,543	11,112	155	238,213	2,446	64	6,820	822	3,386	296	244,683
March	93,147	2,256	63,957	8,370	6,666	156	174,552	1,879	51	582	723	2,175	115	175,497
April	44,134	1,042	22,702	3,237	956	36	72,107	908	62	627	107	4,456	881	68,474
May	37,841	1,902	17,736	2,434	590	113	60,416	902	6	511	741	1,577	183	60,816
June	30,827	629	15,843	2,212	458	73	50,042	774	...	120	311	1,085	125	50,037
July	30,054	1,715	21,091	3,693	1,524	82	58,159	1,028	12	825	377	585	125	59,816
August	66,803	8,223	101,778	19,393	11,649	736	208,582	1,247	20	2,894	1,983	664	...	214,062
September	134,342	14,785	163,113	30,112	16,513	1,666	360,531	2,705	93	4,630	4,788	416	...	372,331
October	174,077	13,162	153,430	33,643	22,863	1,468	398,643	2,556	99	7,230	8,996	1,252	...	416,272
November	172,553	12,396	101,983	34,651	22,156	1,455	345,194	2,785	121	4,125	5,379	1,734	...	355,870
December	160,621	7,303	104,971	32,309	26,180	1,264	332,648	2,896	90	805	1,883	6,345	2	331,970
Total	1,229,509	72,883	992,878	216,875	135,903	8,715	2,656,763	23,039	698	33,371	27,419	26,295	1,741	2,713,254
% of Total Sales	46.28	2.74	37.37	8.16	5.12	.33								

THE MINES BRANCH

How the total output of SUB-BITUMINOUS COAL was disposed of by months during 1941:

	Sold for Consumption in						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
January	6,183	5,605	3,028	10,406	3,513	.....	34,290	63,025	3,403	590	120	1,209	.....	.....	68,347
February	4,290	2,874	2,795	6,046	2,514	.....	25,981	44,300	2,851	545	104	1,084	.....	.....	48,804
March	2,600	2,068	1,739	2,143	1,334	.....	17,203	27,084	2,310	545	22	1,001	154	.....	30,808
April	871	875	887	1,153	1,356	.....	20,453	24,385	1,538	565	.....	1,256	157	.....	27,747
May	859	512	1,151	928	242	.....	25,889	29,581	1,681	570	.....	1,283	6	.....	33,080
June	814	1,493	793	425	612	.....	22,100	26,237	1,723	385	19	1,446	.....	.....	30,010
July	824	1,508	1,590	999	600	.....	24,570	30,091	1,157	410	28	1,236	.....	.....	32,935
August	3,576	3,662	2,951	5,108	3,007	.....	19,142	37,446	2,509	432	18	1,157	.....	.....	41,544
September	5,356	6,037	3,748	6,799	4,440	3	31,663	58,046	3,276	525	485	1,766	.....	.....	64,104
October	6,286	9,869	4,304	8,847	9,397	.....	25,616	64,319	3,234	429	1,460	2,636	345	.....	71,733
November	4,758	10,768	2,903	8,536	9,171	182	26,251	62,569	3,769	444	2,773	2,707	39	.....	72,223
December	7,395	9,814	3,329	8,050	7,375	405	21,627	57,995	3,563	440	274	2,130	253	.....	64,149
Total	43,812	55,085	29,018	59,440	42,358	590	294,785	525,088	30,994	6,080	5,311	18,881	901	.....	585,453
% of Total Sales	8.34	10.49	5.53	11.32	8.07	.11	56.14								

How the total output of BITUMINOUS COAL was disposed of by months during 1941:

	Sold for Consumption in					Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by R.R. Colliery	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Total Output
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
January	7,631	16,691	3,856	15,778	5,160	2,517	194,765	7,961	75	12,281	9,127	2,662	4,524	317	282,711
February	6,492	12,518	3,081	13,771	5,911	1,596	187,576	7,242	50	9,891	8,646	2,523	3,731	962	267,065
March	4,816	13,088	1,768	13,053	8,130	1,650	218,747	7,659	42	5,588	9,904	1,055	5,160	2,803	287,837
April	3,833	13,499	489	8,139	9,514	1,702	213,944	6,088	48	2,730	4,971	1,416	4,883	416	267,381
May	3,679	12,590	290	6,380	6,115	1,018	273,163	3,357	50	4,164	9,060	1,058	5,246	2,312	323,658
June	3,212	14,072	576	5,985	5,401	1,583	281,600	5,230	70	7,507	9,081	1,058	5,246	818	334,057
July	3,142	14,206	964	6,360	8,751	1,005	276,047	5,674	65	7,417	9,472	575	5,908	622	331,088
August	2,697	17,152	6,573	10,733	1,412	954	264,134	6,179	65	10,854	9,141	665	6,676	1,009	339,196
September	5,480	18,132	5,182	9,763	3,658	2,921	254,993	6,972	63	13,315	8,940	362	5,790	2,776	334,697
October	6,716	15,542	3,014	13,991	3,625	2,720	221,993	7,561	75	16,474	9,299	4,133	5,766	305	310,604
November	6,836	13,551	2,605	22,632	4,460	3,534	198,553	8,370	65	11,933	8,640	779	6,287	929	287,216
December	7,751	16,119	2,619	27,763	6,945	3,037	206,790	9,413	75	13,882	9,109	873	5,936	1,466	308,846
Total	62,285	176,960	31,017	154,348	56,345	23,437	2,795,505	83,706	745	117,986	105,390	15,754	64,673	16,794	3,671,357
% of Total Sales	1.89	5.36	.94	4.68	1.71	.71	84.71								

THE MINES BRANCH

Amount of COAL sold during the years 1915 to 1941 (inclusive) for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	North-West Territories	Quebec	United States	To Railroads	Total
1915	2,129,130	54,860	695,898	64,816	.....	.....	.....	25,047	.....	2,969,751
1916	2,866,670	86,413	1,007,765	97,265	.....	.....	.....	61,092	.....	4,119,205
1917	2,813,413	76,397	1,139,771	249,872	.....	.....	.....	93,081	.....	4,372,534
1918	3,440,154	101,189	1,372,439	511,168	629	.....	.....	133,276	.....	5,558,855
1919	2,991,110	95,461	1,115,329	314,290	308	.....	.....	121,212	.....	4,637,710
1920	1,647,202	128,850	1,310,146	600,962	13,911	.....	.....	152,610	2,516,555	6,371,266
1921	1,415,861	116,089	1,294,441	495,388	9,898	.....	.....	133,823	2,023,204	5,488,704
1922	1,443,942	107,920	1,271,249	520,518	21,573	.....	.....	105,514	2,076,291	5,647,409
1923	1,382,788	108,326	1,223,454	533,649	52,334	.....	102	83,557	3,110,121	6,014,219
1924	1,431,327	114,186	1,183,788	510,407	16,525	.....	.....	39,142	1,613,574	4,014,949
1925	1,440,032	117,037	1,297,633	509,635	28,831	.....	.....	40,507	2,139,716	5,573,431
1926	1,325,290	127,858	1,296,181	591,267	74,539	.....	.....	48,216	2,706,440	6,170,032
1927	1,508,089	187,028	1,427,904	612,542	22,680	.....	221	45,160	2,759,765	6,653,168
1928	1,409,475	262,198	1,511,141	605,125	44,265	.....	.....	52,265	3,054,239	6,938,708
1929	1,446,555	236,840	1,455,213	588,647	55,647	.....	.....	51,625	2,823,827	6,758,075
1930	1,234,382	227,385	1,221,542	541,537	29,784	.....	.....	44,291	2,120,237	5,419,190
1931	1,020,694	171,610	905,574	442,761	27,036	.....	.....	30,434	1,668,451	4,266,660
1932	1,134,311	136,188	1,097,382	497,006	20,583	.....	100	27,366	1,619,921	4,532,892
1933	1,123,357	120,911	1,052,910	449,681	39,437	.....	32	18,449	1,500,061	4,304,638
1934	1,087,898	127,638	986,639	391,132	55,947	.....	.....	13,739	1,687,850	4,350,874
1935	1,246,959	221,758	1,120,816	435,813	64,659	31	.....	24,712	1,960,555	5,075,272
1936	1,356,690	244,928	1,238,730	450,740	65,886	.....	.....	27,397	1,969,569	5,353,940
1937	1,326,054	269,023	1,085,812	437,954	62,521	82	.....	41,328	2,028,389	5,251,163
1938	1,278,932	238,435	1,011,207	413,663	74,111	83	.....	32,507	1,871,852	4,920,800
1939	1,241,618	239,227	1,044,367	409,046	90,206	.....	.....	33,139	2,109,684	5,167,287
1940	1,311,644	237,642	1,019,035	354,857	133,587	14	.....	35,354	2,720,793	5,812,926
1941	1,335,606	304,928	1,052,913	430,663	234,606	.....	.....	32,742	3,090,290	6,481,748

NOTE: Previous to 1920 Railroad Coal was included in Sales in Alberta.

Coal produced by years from 1937 to 1941 inclusive:

DOMESTIC COAL FIELD

Areas	1937	1938	1939	1940	1941
Ardley	23,990	21,420	15,682	17,723	10,916
Big Valley	2,514	2,069	2,441	2,594	4,006
Brooks	9,152	9,665	10,980	11,326	11,446
Camrose	57,235	52,662	54,693	59,646	54,786
Carbon	104,385	92,846	80,033	70,851	57,207
Castor	41,379	39,737	38,109	42,416	43,006
Champion	17,941	16,142	15,273	14,983	13,203
Drumheller	1,289,971	1,168,348	1,223,338	1,287,935	1,458,455
Edmonton	539,096	515,103	470,576	483,924	477,637
Gleichen	11,227	25,239	26,091	23,221	25,642
Halcourt	4,569	3,355	3,003	3,163	3,595
Lethbridge	349,881	342,113	329,416	327,817	339,579
Magrath	995	541	431	305	21
Milk River	4,312	3,701	5,961	5,156	3,848
Pakan	209	276	202	95	.....
Pakowki	1,267	1,359	1,438	1,328	635
Pembina	33,398	30,267	38,891	50,420	66,746
Redcliff	29,086	27,382	26,094	30,418	25,837
Rochester	478	729	974	1,965	1,980
Sexsmith	43	80	95	234	88
Sheerness	39,360	35,939	36,709	30,606	39,205
Taber	14,615	12,274	12,731	13,324	14,852
Tofield	48,315	44,213	48,504	51,208	56,485
Westlock .....	.....	.....	.....	.....	1,314
Wetaskiwin	2,222	2,349	3,224	3,831	2,546
Whitecourt	300	217	215	317	219
No Area	5,210	5,237	4,095	2,399	.....
Total	2,631,150	2,453,263	2,449,199	2,537,205	2,713,254

SUB-BITUMINOUS COAL FIELD

Coalspur	350,594	351,427	360,436	448,619	509,933
Morley	769	61	107	73	.....
Pekisko	4,928	5,080	5,385	5,673	6,977
Pincher	1,541	1,413	1,374	606	823
Prairie Creek	106,803	91,189	104,067	100,753	16,988
Saunders	41,894	39,742	40,736	42,962	50,732
Total	506,529	488,912	512,105	598,686	585,453

BITUMINOUS COAL FIELD

Cascade	175,989	170,039	194,441	206,732	322,202
Crowsnest	1,326,450	1,275,004	1,400,802	1,616,467	2,021,155
Highwood .....	.....	.....	10	305	700
Mountain Park	764,370	688,449	810,442	1,011,252	985,751
Nordegg	147,194	154,358	151,106	234,441	341,549
Total	2,414,003	2,287,850	2,556,801	3,069,197	3,671,357

THE MINES BRANCH

Total output of DOMESTIC COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	2,485	1,994	1,174	297	177	184	256	400	516	891	1,438	1,104	10,916
Big Valley	533	391	392	41	26	40	30	105	286	331	1,224	587	4,006
Brooks	1,339	728	479	211	167	178	190	489	1,369	2,564	2,341	1,391	11,446
Camrose	8,372	5,173	4,468	1,820	1,153	1,305	993	1,883	5,433	7,956	8,356	7,874	54,786
Carbon	3,771	6,213	3,945	2,677	1,396	1,038	815	2,640	6,657	6,805	9,058	6,992	57,207
Castor	6,283	3,995	2,834	396	301	307	253	684	4,258	8,651	9,553	5,491	43,006
Champion	1,408	984	1,116	416	374	366	351	843	1,904	2,255	1,854	1,332	13,203
Drumheller	198,498	134,299	85,885	19,668	20,264	15,426	16,317	139,661	231,917	236,806	181,568	178,146	1,458,455
Edmonton	75,552	50,925	42,306	18,389	14,815	9,620	8,222	12,937	43,123	64,120	67,703	69,925	477,637
Gleichen	3,583	2,123	1,563	586	420	461	600	1,735	2,996	4,848	3,754	2,973	25,642
Halcourt	614	495	364	74	101	167	157	74	159	249	618	523	3,595
Lethbridge	35,849	20,575	14,233	9,653	6,579	6,931	17,507	40,209	55,549	55,999	43,661	32,834	339,579
Magrath	21	154	142	35	43	72	42	66	543	1,574	605	282	3,848
Milk River	290	36	51	4	6,529	5,615	10	10	60	257	116	20	635
Pakan	71	5,239	7,086	7,440	4	6,529	4,677	4,324	4,847	4,415	5,753	6,652	66,746
Pakowki	4,159	2,887	1,900	1,351	418	646	809	1,189	2,381	3,490	4,051	3,347	25,837
Pembina	3,368	280	166	11	27	22	34	20	78	135	254	558	1,980
Redcliff	395	88	1,723	4,191	4,585	5,219	5,219	2,399	2,539	4,256	3,949	3,640	39,205
Rochester	2,682	1,308	975	321	296	287	334	477	2,287	3,286	2,726	1,856	39,205
Sexsmith	1,308	4,288	4,253	3,323	3,510	2,771	2,980	3,882	5,389	7,192	6,910	5,927	14,852
Sheerness	6,060	370	211	38	29	16	20	25	40	192	330	350	56,485
Taber	733	427	252	38	29	16	20	25	40	192	330	350	1,314
Tofield	827	427	252	38	29	16	20	25	40	192	330	350	2,546
Westlock	827	427	252	38	29	16	20	25	40	192	330	350	219
Wetaskiwin	827	427	252	38	29	16	20	25	40	192	330	350	219
Whitecourt	827	427	252	38	29	16	20	25	40	192	330	350	219
No Area	827	427	252	38	29	16	20	25	40	192	330	350	219
Total	363,421	244,683	175,497	68,474	60,816	50,037	59,816	214,062	372,331	416,272	355,870	331,975	2,713,254

Total output of SUB-BITUMINOUS COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	52,429	36,683	25,651	27,270	32,186	28,990	31,369	36,707	56,238	62,495	64,219	55,696	509,933
Pekisko	973	648	463	163	140	90	217	521	468	956	350	1,988	6,977
Picher	62	77	48	48	59	59	66	62	80	113	152	104	823
Prarie Creek	8,509	6,759	1,720	314	763	871	1,243	4,254	7,318	81,69	7,502	6,361	16,988
Saunders	6,374	4,637	2,926	314	763	871	1,243	4,254	7,318	81,69	7,502	6,361	50,732
Total	68,347	48,804	30,808	27,747	33,089	30,010	32,895	41,544	64,104	71,733	72,223	64,149	585,453

Total output of BITUMINOUS COAL by areas during each month:

Cascade	28,872	23,356	17,008	19,870	22,055	31,027	30,695	32,196	29,204	31,460	27,602	28,357	322,202
Crownsnest	146,294	136,210	159,424	146,447	175,476	178,132	176,406	184,078	190,539	163,044	175,395	189,710	2,021,155
Highwood	224	82,368	90,171	84,865	101,273	91,075	83,113	85,430	73,216	77,751	67,205	66,295	700
Mountain Park	82,989	20,132	21,234	16,013	26,854	33,823	40,874	37,492	41,738	38,349	17,014	23,694	985,751
Nordegg	24,332												341,549
Total	282,711	262,066	287,837	267,381	325,658	334,057	331,088	339,196	334,697	310,604	287,216	308,846	3,671,357

Total output of COAL, COKE and BRIQUETTES during the year:

Coal	714,479	555,553	494,142	363,602	419,563	414,104	423,799	594,802	771,132	798,609	715,309	704,970	6,970,064
Coke	6,135	5,764	6,602	3,314	6,040	6,054	6,359	5,859	6,195	6,199	5,500	6,333	70,354
Briquettes	13,143	10,549	5,993	2,838	4,322	7,947	7,891	11,619	16,448	17,646	12,860	14,332	126,188

Total Sales of SUB-BITUMINOUS COAL for consumption by Railroad Companies:

Coalspur	26,284	19,667	15,727	20,453	25,889	22,100	24,570	19,142	31,663	25,616	26,251	21,627	278,989
Prairie Creek	8,006	6,314	1,476										15,796
Total	34,290	25,981	17,203	20,453	25,889	22,100	24,570	19,142	31,663	25,616	26,251	21,627	294,785

Total Sales of BITUMINOUS COAL for consumption by Railroad Companies:

Cascade	13,077	9,258	8,908	14,394	16,540	23,929	23,792	20,374	14,745	13,559	9,866	12,021	180,463
Crownsnest	91,058	89,821	113,128	110,472	140,056	144,830	141,748	137,807	141,899	110,452	119,646	123,661	1,464,578
Mountain Park	69,873	71,245	78,406	74,956	92,444	83,120	75,638	76,422	63,786	57,156	55,805	53,111	860,962
Nordegg	20,757	17,252	18,305	14,122	24,123	29,721	35,869	32,531	34,463	30,826	13,536	17,997	289,502
Total	194,765	187,576	218,747	213,944	273,163	281,600	276,047	267,134	254,893	221,993	198,853	206,790	2,795,505
Grand Total	229,055	213,557	235,950	234,397	299,052	303,700	300,617	286,276	286,556	247,609	225,104	228,417	3,090,290

THE MINES' BRANCH

Total amount of Domestic Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	1,116	554	608	137	68	70	143	110	25	67	83	46	3,027
Big Valley	364	278	287	20	...	10	10	10	144	234	457	342	2,210
Brooks	1,306	679	448	196	153	159	168	464	1,342	2,504	2,234	1,304	10,957
Camrose	3,145	1,571	1,247	300	140	241	280	773	2,139	3,133	3,063	2,840	18,892
Carbon	2,910	2,043	1,236	590	349	163	68	799	2,138	2,070	2,766	1,962	17,994
Castor	1,291	741	532	18	...	52	245	64	1,201	1,955	2,432	1,712	10,058
Champion	1,037	734	835	297	253	236	245	641	1,529	1,703	1,592	1,093	10,195
Drumheller	16,710	9,118	6,438	1,458	981	827	742	11,308	15,231	17,941	14,280	13,683	108,717
Edmonton	19,371	11,339	6,330	1,808	723	766	588	1,896	11,454	17,286	17,739	17,038	107,000
Gleichen	632	384	333	164	67	75	109	193	427	1,047	623	585	4,639
Halcourt	343	261	209	...	8	117	61	53	61	251	317	413	2,094
Lethbridge	8,413	5,539	4,112	2,022	1,437	1,591	1,989	4,302	10,382	11,775	9,995	8,469	70,026
Magrath	9	...	...	...	...	...	...	...	...	...	...	...	9
Milk River .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Pakan .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Pakowki .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Pembina	597	435	300	59	29	2	2	21	283	307	509	512	3,056
Redcliff	422	420	103	3	1	3	166	99	1,047	1,681	1,873	662	6,480
Rochester	237	130	61	7	...	...	...	...	42	52	125	223	877
Sexsmith .....	...	...	34	...	...	...	...	...	...	...	...	...	...
Sheerness	128	105	71	24	...	...	...	...	35	350	407	193	34
Taber	605	515	378	226	193	161	198	247	1,047	1,411	1,057	819	1,313
Tofield	1,169	708	379	108	113	93	91	71	830	1,654	1,372	1,112	6,857
Westlock	286	168	66	...	...	...	...	...	...	...	...	...	7,700
Wetaskiwin	122	49	...	...	...	...	...	...	...	30	50	...	520
Whitecourt .....	...	...	...	...	...	...	...	...	...	...	...	...	301
No Area .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	60,213	35,831	24,607	7,437	4,517	4,566	4,920	21,105	49,377	65,451	60,974	53,056	392,056

MINE-RUN COAL

Ardley	741	897	314	28	18	19	42	119	491	817	1,330	1,051	5,867
Big Valley	160	95	70	20	25	30	20	40	140	95	175	140	1,010
Brooks	316	139	378	438	75	155	50	...	54	570	389	148	2,712
Camrose	1,115	629	349	81	167	802	574	719	675	1,113	2,269	1,442	9,335
Carbon	4,685	3,038	2,105	341	271	221	185	580	2,835	6,359	6,670	3,485	30,715
Castor	145	100	80	50	50	59	46	50	67	220	...	867	...
Champion	560	254	105	90	64	185	193	257	381	548	473	291	3,401
Drumheller	15,733	12,583	11,801	7,386	7,412	4,830	3,426	3,746	8,719	12,055	14,759	17,518	119,468
Edmonton	2,417	1,414	972	318	306	327	419	1,420	2,165	2,965	2,572	1,911	17,206
Gleichen	260	219	142	74	93	48	94	21	71	...	227	45	1,294
Halcourt	1,401	1,291	1,255	1,220	1,346	1,371	1,548	1,571	2,112	1,238	735	820	15,908
Lethbridge	...	...	...	...	...	...	...	...	...	...	...	...	...
Magrath	274	150	137	32	41	70	40	62	513	1,474	575	267	3,635
Milk River	...	...	...	...	...	...	...	...	...	...	...	...	...
Pakan	71	36	51	4	...	...	10	...	60	257	116	20	635
Pakowki	419	2,794	4,242	4,572	4,341	3,268	2,353	1,612	2,597	1,600	205	357	28,360
Pembina	798	590	688	496	90	176	302	268	86	...	...	281	3,775
Redcliff	21	11	21	25	25	21	34	20	27	42	44	130	396
Rochester	...	...	...	...	...	...	...	...	...	...	...	...	...
Sexsmith	1,129	973	821	954	575	645	528	814	1,535	2,143	2,052	1,285	13,454
Sheerness	379	247	134	43	13	26	31	57	334	670	595	1,280	2,809
Taber	1,125	781	757	948	883	564	396	713	1,231	1,397	1,745	1,557	12,097
Tofield	...	...	...	...	...	...	...	...	...	...	...	...	...
Westlock	90	44	90	30	21	4	...	...	...	...	...	...	279
Wetaskiwin	...	96	...	57	...	...	...	...	...	...	35	190	378
Whitecourt	...	...	...	...	...	...	...	...	...	...	...	...	...
No Area	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	31,839	26,381	24,551	17,182	15,816	12,821	10,291	12,079	24,093	33,563	34,966	31,218	274,800

THE MINES BRANCH

NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	131	118	84	50	2	49	30	47	.....	.....	.....	.....	511
Big Valley	20	12	25	.....	.....	.....	.....	.....	.....	.....	248	36	341
Brooks	3,169	2,331	1,871	811	636	637	397	601	1,934	2,564	2,918	3,178	21,047
Camrose	2,105	1,745	1,280	972	512	60	78	685	1,396	1,650	1,706	1,351	13,540
Carbon	101	57	39	.....	.....	4	.....	.....	44	76	123	53	497
Castor	199	127	162	62	64	65	57	140	272	291	242	236	1,917
Champion	7,190	4,421	4,850	1,644	2,311	1,703	1,757	5,981	11,425	11,614	9,853	9,913	72,662
Drumheller	22,663	15,322	14,851	6,135	4,290	2,285	2,211	4,200	13,757	18,763	19,964	21,222	145,663
Edmonton	495	293	238	98	36	56	54	101	314	722	445	389	3,241
Gleichen	4	12	8	.....	.....	.....	.....	.....	.....	19	56	61	160
Halcourt	3,696	2,415	1,876	1,439	1,164	1,203	1,532	3,686	7,304	6,690	4,733	4,027	39,765
Lethbridge	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pakan .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pakowki .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina	1,706	1,539	1,538	1,187	1,723	1,660	1,828	1,998	1,045	1,004	1,455	1,980	18,663
Redcliff .....	.....	46	31	2	.....	.....	.....	.....	45	140	114	.....	299
Rochester	61	.....	.....	.....	.....	.....	.....	.....	6	23	48	117	334
Sexsmith .....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
Sheerness .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	105	115	99	19	53	64	64	101	445	497	425	98	141
Tofield	118	78	38	.....	.....	8	405	.....	45	.....	190	290	2,277
Wetaskiwin	590	325	162	8	8	12	20	25	40	162	280	300	740
Whitecourt .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,932
Westlock	264	150	104	.....	.....	.....	.....	.....	.....	.....	.....	.....	518
Total	42,629	29,106	27,264	12,427	10,804	7,806	8,033	17,565	38,072	44,407	42,843	43,312	324,268

SLACK COAL

Ardley	152	34	28	42	49	6	1	41	7	25	7	392
Big Valley	6	4	8	4	3	7	13	13	48	75	21	114
Brooks	20	37	18	4	255	259	153	184	612	94	73	344
Canrose	1,080	936	726	520	55	3	39	185	561	967	1,115	7,485
Carbon	1,174	506	412	55	.....	.....	.....	.....	.....	711	884	5,380
Castor	10	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Champion	9,487	9,866	5,212	1,119	2,424	1,302	1,616	5,551	5,759	9,245	10,321	68,993
Drunnheller	15,604	10,351	8,320	3,827	2,661	1,990	1,712	2,608	7,642	13,304	12,738	94,724
Edmonton	39	32	20	6	11	2	18	21	114	114	88	556
Gleichen	3	3	3	3	3	3	2	2	4	10	14	49
Halcourt	4,740	2,809	1,863	1,456	1,240	1,212	3,204	7,136	7,757	8,322	5,622	52,279
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pakan .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pakowki	1,136	304	3	50	.....	49	48	205	714	1,885	2,008	6,402
Pembina	68	10	11	1	2	1	4	10	.....	20	20	124
Redcliff	66	64	53	2	2	1	.....	.....	18	37	88	334
Rochester .....	.....	.....	7	.....	.....	.....	.....	.....	3	.....	.....	7
Sexsmith .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	32	33
Sheerness	95	300	.....	.....	59	94	.....	.....	.....	84	.....	548
Taber .....	.....	.....	.....	.....	.....	108	.....	100	.....	.....	.....	292
Tofield	183	52	41	.....	.....	.....	.....	.....	.....	.....	.....	276
Westlock	25	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
Wetaskiwin .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
Whitecourt .....	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	2	.....
Total	33,884	25,227	16,725	7,088	6,704	5,634	6,810	16,054	22,800	30,656	33,770	238,385

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

Coalspur	2,242	1,409	441	187	323	404	278	969	2,127	2,447	1,678	2,432	14,937
Pekisko	38	34	13	7	6	.....	15	4	15	66	113	131	212
Pincher .....	.....	.....	.....	.....	.....	.....	.....	.....	16	80	.....	40	366
Prairie Creek	256	423	386	.....	43	.....	.....	128	353	181	369	300	2,439
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,536	1,866	840	194	372	404	293	1,101	2,511	2,774	2,160	2,903	17,954

MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	83	74	75	63	63	71	53	54	70	68	72	87	833
Pekisko	841	556	411	151	128	78	205	509	346	748	310	1,333	5,616
Pincher	73	50	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	143
Prairie Creek	92	31	157	3	5	3	5	136	20	10	69	115	646
Saunders													
Total	1,089	711	663	217	196	152	263	699	436	826	451	1,535	7,238

NUT COAL

Coalspur	1,815	1,132	433	233	129	119	125	777	708	630	625	810	7,536
Pekisko	9	11	3	.....	.....	.....	10	2	40	90	42	34	90
Pincher .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....	164
Prairie Creek	432	221	227	38	32	10	35	150	659	651	515	480	3,450
Saunders													
Total	2,256	1,364	663	271	161	129	170	929	1,407	1,384	1,182	1,324	11,240

SLACK COAL

Coalspur	302	319	399	189	130	129	98	847	916	1,244	827	1,126	6,526
Pekisko .....	.....	.....	.....	.....	.....	.....	.....	.....	55	.....	.....	490	545
Pincher .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prairie Creek .....	.....	30	35	.....	.....	.....	.....	.....	31	58	138	17	309
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	302	349	434	189	130	129	98	847	1,002	1,302	965	1,633	7,380

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL												
Cascade	199	126	133	34	29	66	35	90	88	163	222	140
Crownest	172	150	81	53	12	12	16	59	34	308	120	153
Highwood	40	196	159	60	115	82	61	71	137	209	213	133
Mountain Park	255			130								233
Nordegg												1,861
Total	666	472	373	277	156	160	112	220	259	680	555	4,589

MINE-RUN COAL												
Cascade	3	2,333	2,023	1,051	14	999	629	1,208	2,144	2,906	2,901	3,052
Crownest	2,765											17
Highwood		380	222	136	198	141	157	238	300	312	469	23,028
Mountain Park	376	82	79	36	31	12	14	15	72	49	96	48
Nordegg	114											3,254
Total	3,258	2,795	2,324	1,237	1,246	1,152	800	1,461	2,516	3,267	3,466	3,568
												27,090

NUT COAL												
Cascade	291	252	192	95	106	77	106	141	435	302	401	390
Crownest	417	294	313	391	220	126	238	264	184	516	456	397
Highwood	56			13								41
Mountain Park	258					102	108		263	423	406	542
Nordegg	41	42	38			24		17	39	65	42	82
Total	1,063	588	543	499	326	329	452	422	921	1,306	1,305	1,452
												9,206

SLACK COAL												
Cascade		30	361	1,350	1,400	1,297	1,125		1,073	949	515	
Crownest	2,441	2,242	605	46	124	69	232	183	564	514	958	8,100
Highwood				10								10,050
Mountain Park	203	365	610	414	427	205	421	411	147		37	10
Nordegg												3,240
Total	2,644	2,637	1,576	1,820	1,951	1,571	1,778	594	1,784	1,463	1,510	21,400

THE MINES BRANCH

Total amount of Domestic Coal disposed of by Areas during each month for consumption in British Columbia:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Carbon	2,525	1,116	808	233	302	176	320	3,201	120	84	84	47	251
Drumheller	116	38	1,116	233	302	176	320	3,201	6,205	5,447	6,878	2,762	29,973
Edmonton	1,047	1,221	479	374	493	158	450	2,310	39	151	37	13	456
Lethbridge									4,096	3,534	1,720	1,364	17,540
Pembina													
Total	3,688	2,375	1,287	607	795	334	770	5,511	10,454	9,516	8,682	4,201	48,220

MINE-RUN COAL

Lethbridge													40
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NUT COAL

Carbon	2,083	842	778	269	1,014	295	630	1,845	2,931	2,659	21	21	21
Drumheller											2,965	2,671	18,982
Edmonton	278	204	153	90	93	215	215	498	968	909	39	385	77
Lethbridge				76		100	100	47			652		4,445
Pembina													223
Total	2,361	1,046	969	435	1,107	295	945	2,390	3,899	3,568	3,677	3,056	23,748

SLACK COAL

Carbon													21
Drumheller											21	16	591
Lethbridge										61	17	6	263
Total								322	432	78	37	6	875

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL													
Coalspur	2,157	921	544	180	17	235	566	1,333	2,456	3,513	4,687	4,010	20,619
Prairie Creek	9	40	.....	.....	.....	.....	.....	81	67	197	23	.....	417
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,166	961	544	180	17	235	566	1,414	2,523	3,710	4,710	4,010	21,036

MINE-RUN COAL													
Coalspur .....	.....	.....	.....	74	.....	74	43	74	.....	.....	.....	.....	265
Prairie Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	.....	.....	39
Total .....	.....	.....	.....	74	.....	74	43	74	.....	39	.....	.....	304

NUT COAL													
Coalspur	3,411	1,913	1,524	621	495	1,184	883	2,153	3,466	6,007	6,002	5,675	33,334
Pekisko .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....	40
Saunders	28	.....	.....	.....	.....	.....	.....	.....	48	41	23	.....	140
Total	3,439	1,913	1,524	621	495	1,184	883	2,153	3,514	6,088	6,025	5,675	33,514

SLACK COAL													
Coalspur .....	.....	.....	.....	.....	.....	.....	16	21	.....	32	33	129	231
Prairie Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total .....	.....	.....	.....	.....	.....	.....	16	21	.....	32	33	129	231

Total amount of Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL											
Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Total
Cascade	34	159	37	.....	.....	.....	.....	681	947	66	146
Crowsnest	369	.....	.....	.....	.....	.....	44	44	.....	704	3,990
Mountain Park	.....	.....	.....	.....	.....	.....	.....	44	.....	.....	44
Total	403	159	37	.....	.....	.....	44	725	947	770	4,180
MINE-RUN COAL											
Cascade	134	96	87	.....	.....	46	53	54	48	566	2,219
Crowsnest	162	84	40	47	.....	42	.....	86	40	80	661
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160
Total	296	180	127	47	.....	88	53	140	88	646	3,040
NUT COAL											
Cascade	82	180	121	.....	163	20	38	188	124	213	1,354
Crowsnest	363	420	477	72	133	.....	73	616	826	218	4,249
Total	445	600	598	72	296	20	111	804	950	431	5,603
SLACK COAL											
Cascade	15,547	11,579	12,326	13,380	12,294	13,964	13,998	11,140	16,147	13,695	1,140
Crowsnest	.....	.....	.....	.....	.....	.....	.....	14,343	.....	.....	162,997
Total	15,547	11,579	12,326	13,380	12,294	13,964	13,998	15,483	16,147	13,695	164,137

NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	127	44	160				38	79	74	41	37	77	44
Camrose	461	75	38	74	26			41	375	200	254	305	708
Carbon	30,716	22,263	19,911	5,907	4,106	3,144	2,567	25,377	37,256	35,873	23,504	23,678	234,302
Drumheller	357	317	113				37	36	210	345	260	315	1,980
Edmonton	2,871	1,743	940	912	185	344	1,855	3,275	3,348	3,979	3,484	2,621	25,557
Lethbridge	45		801	1,079	106	47	47	130	87	296	602	597	3,837
Pembina													
Redcliff													
Sheerness	35		27	20	40			37	38	42	82	289	610
Total	34,612	24,810	21,990	7,992	4,463	3,535	4,544	28,975	41,388	40,776	28,213	27,882	269,180

SLACK COAL

Ardley	.....	.....	.....	213	209	.....	.....	.....	.....	.....	.....	.....	422
Camrose	226	82	209	796	179	.....	.....	.....	.....	.....	.....	43	1,535
Carbon	24,196	14,202	12,272	5,331	3,248	3,471	2,103	10,686	17,916	18,361	16,196	23,687	151,669
Drumheller	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edmonton	335	168	177	127	143	62	96	120	524	514	38	43	2,347
Lethbridge	.....	.....	.....	41	83	159	193	419	574	780	1,017	903	129
Pembina	780	513	206	150	97	66	41	40	41	33	73	70	5,791
Redcliff	61	82	63	78	36	66	41	40	41	33	73	70	689
Sheerness	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield	.....	.....	.....	.....	169	127	.....	.....	.....	.....	.....	.....	296
Total	25,598	15,047	12,932	6,736	4,169	3,885	2,433	11,265	19,055	19,688	17,324	24,746	162,878

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Coalspur	238	164	220	.....	.....	.....	37	538	429	448	377	343	2,794
Prairie Creek	264	83	105	.....	41	42	38	132	718	760	308	168	2,659
Saunders													
Total	502	247	325	.....	41	42	75	670	1,147	1,208	685	511	5,453

MINE-RUN COAL

Pekisko	120	80	40	.....	.....	.....	.....	.....	40	.....	40	.....	320
Prairie Creek							41	.....	.....	.....	.....	.....	41
Saunders													
Total	120	80	40	.....	.....	.....	41	.....	40	.....	40	.....	361

NUT COAL

Coalspur	1,497	1,308	1,092	887	1,110	751	1,411	1,561	1,328	1,887	1,159	1,771	15,762
Pekisko .....							.....	.....	.....	.....	.....	.....	.....
Prairie Creek	464	420	134	.....	.....	.....	63	416	689	778	545	392	3,901
Saunders													
Total	1,961	1,728	1,226	887	1,110	751	1,474	1,977	2,017	2,665	1,704	2,163	19,663

SLACK COAL

Coalspur .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	129	129
Prairie Creek	445	540	148	.....	.....	.....	.....	304	544	431	474	526	3,412
Saunders .....													.....
Total	445	540	148	.....	.....	.....	.....	304	544	431	474	655	3,541

THE MINES BRANCH

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	85	68	112	36	.....	.....	159	41	83	129	96	103	605
Crowsnest	245	77	112	36	.....	47	.....	365	500	468	214	195	2,418
Mountain Park .....	.....	37	.....	.....	.....	.....	.....	41	39	39	.....	41	197
Total	330	182	112	36	.....	47	159	447	622	636	310	339	3,220

MINE-RUN COAL

Cascade	49	.....	489	131	95	49	.....	127	77	155	37	.....	494
Crowsnest	1,596	1,095	.....	45	.....	85	131	895	1,047	896	889	1,159	8,508
Mountain Park	80	.....	.....	.....	.....	36	38	.....	36	43	38	.....	316
Nordegg .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,725	1,095	489	176	95	170	169	1,022	1,160	1,094	964	1,159	9,318

NUT COAL

Cascade	302	261	222	277	.....	54	206	275	180	388	150	161	2,476
Crowsnest	1,060	998	440	.....	72	143	259	993	1,438	670	544	664	7,281
Nordegg .....	.....	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
Total	1,362	1,299	662	277	72	197	465	1,268	1,618	1,058	694	825	9,797

SLACK COAL

Cascade .....	.....	302	228	.....	75	78	40	79	116	.....	.....	296	918
Crowsnest	439	165	277	.....	48	48	131	3,757	1,666	177	540	.....	7,544
Mountain Park .....	.....	38	.....	.....	.....	36	.....	.....	.....	49	97	.....	290
Total	439	505	505	.....	123	162	171	3,836	1,782	226	637	296	8,682

Total amount of Domestic Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Big Valley	38	211	36	116	1,257	641	856	40	197	115	127	127	127
Camrose	94	11,571	76	341	4,927	341	856	8,841	18,666	21,421	40	40	114
Carbon	17,767	161	4,927	20	1,257	641	856	8,841	18,666	21,421	40	40	972
Drumheller	114	409	537	119	76	77	81	80	192	266	183	183	127,639
Edmonton	1,341	409	537	119	40	150	1,993	1,907	1,707	1,648	1,613	1,613	1,408
Lethbridge	43	142	84	38	119	40	150	1,907	1,707	1,648	1,613	1,613	12,758
Pembina	111	38	84	38	119	40	150	1,907	1,707	1,648	1,613	1,613	128
Redcliff									37	73	130	130	697
Tofield									36	73	38	38	185
Total	19,508	12,832	5,680	576	1,373	868	2,930	10,868	20,920	23,558	23,738	21,173	144,024

MINE-RUN COAL

Camrose													
Carbon													
Drumheller													
Lethbridge													
Sheerness													
Tofield	39						159						198
Pembina							44						44
Total	39						203						242

NUT COAL

Camrose	19												19
Carbon	5,678	3,899	2,065	845	601	881	516	4,274	5,940	7,581	7,161	7,547	46,988
Drumheller	72	16	97	260	37	37	524	37	129	76	77	36	524
Edmonton	41		41	108	108	463		82	211	330	533	405	1,655
Lethbridge									44	44	131	210	1,301
Pembina													
Total	5,810	3,915	2,203	1,105	746	1,344	516	4,393	6,324	8,031	7,902	8,198	50,487

SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Carbon	88	176	43	1,159	89	.....	.....	4,132	2,868	2,054	3,011	2,938	1,555
Drumheller	2,833	1,620	444	397	226	.....	44	.....	.....	.....	.....	.....	20,567
Lethbridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,921	1,796	487	1,556	315	.....	44	4,132	2,868	2,054	3,011	2,938	22,122

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Coalspur	4,572	2,420	158	.....	.....	110	311	2,195	2,433	3,027	3,385	3,121	21,732
Prairie Creek	1,119	672	148	38	.....	.....	207	515	837	903	757	908	6,104
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	5,691	3,092	306	38	110	518	2,710	3,270	3,930	4,142	4,029	27,836

MINE-RUN COAL

Saunders	15	31	21	20	87
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NUT COAL

Coalspur	2,800	2,411	1,224	1,042	729	91	246	1,081	1,578	2,896	2,372	2,622	19,092
Prairie Creek	518	223	264	42	40	82	.....	411	374	385	468	312	3,119
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	3,318	2,634	1,488	1,084	769	173	246	1,492	1,952	3,281	2,840	2,934	22,211

SLACK COAL

Coalspur	1,015	177	85	.....	.....	.....	448	995	1,092	846	606	5,264
Prairie Creek	367	143	264	.....	.....	.....	.....	.....	.....	.....	.....	4,042
Saunders .....	.....	.....	.....	159	142	235	437	582	544	688	481	.....
Total	1,382	320	349	.....	159	142	885	1,577	1,636	1,534	1,087	9,306

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Cascade	96	96	.....	.....	.....	.....	41	134	110	125	141	743
Crownsnest	510	421	189	.....	.....	.....	539	185	318	594	497	4,347
Mountain Park	45	37	.....	80	91	284	161	36	76	87	117	866
Total	651	554	189	257	375	321	741	355	504	806	755	5,956

MINE-RUN COAL

Cascade .....	.....	50	281	191	.....	.....	37	386	402	263	480	2,630
Crownsnest	381	434	90	.....	.....	.....	154	438	314	178	259	2,735
Mountain Park	930	181	452	496	244	120	200	166	52	239	130	3,427
Total	1,311	665	823	687	244	214	990	768	680	869	1,150	8,792

NUT COAL

Cascade	2,494	2,271	2,053	916	338	632	822	1,074	3,021	3,795	3,758	21,781
Crownsnest	912	1,018	777	344	42	111	1,750	2,270	494	948	1,531	10,464
Mountain Park	1,166	1,511	1,218	595	.....	48	183	714	913	748	772	7,868
Nordegg	59	38	.....	.....	.....	.....	.....	98	42	42	39	318
Total	4,631	4,838	4,048	1,855	380	791	2,755	4,156	4,470	5,533	6,100	40,431

SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Cascade	299	218	183	73	72	...	37	112	111	187	148	185	1,625
Crownest	3,212	3,089	2,808	785	670	483	498	1,894	672	4,008	11,037	14,161	43,317
Mountain Park	5,674	4,407	5,002	4,482	4,639	4,176	4,112	4,241	3,701	4,142	4,239	5,412	54,227
Total	9,185	7,714	7,993	5,340	5,381	4,659	4,647	6,247	4,484	8,337	15,424	19,758	99,169

Total amount of Domestic Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

Camrose .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Carbon .....	...	39	37	...	...	...	...	...	37	80	45	40	278
Drumheller	10,090	7,486	3,978	374	86	193	287	6,363	10,505	13,981	13,321	15,937	82,601
Edmonton .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Lethbridge	240	38	183	...	...	...	528	113	202	660	735	945	3,644
Total	10,330	7,563	4,198	374	86	193	815	6,476	10,744	14,721	14,101	16,922	86,523

MINE-RUN COAL

Drumheller .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Sherrness .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Tofield .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Total .....	...	...	...	...	...	...	...	...	...	...	...	...	...

NUT COAL

Camrose .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Carbon	4,984	3,504	2,378	582	304	265	709	4,879	5,524	7,278	7,532	8,876	46,815
Drumheller .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Edmonton	42	...	...	...	...	...	...	199	...	401	77	141	860
Lethbridge .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	5,026	3,504	2,378	582	304	265	709	5,078	5,524	7,679	7,609	9,017	47,675

SLACK COAL[illegible]

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

Coalspur	1,676	1,155	559	82	.....	196	161	1,174	2,158	4,288	3,540	2,899	17,888
Prairie Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	1,452	1,113	657	56	.....	.....	212	1,008	1,300	1,798	2,035	1,494	11,125
Total	3,128	2,268	1,216	138	196	373	2,182	3,458	6,086	5,575	29,013

MINE-RUN COAL

Saunders					416	164	83	280	943
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NUT COAL

Coalspur	130	125	40	436	422	2,393	3,036	2,211	8,793
Prairie Creek	255	121	40	242	204	162	513	378	516	2,469
Saunders												
Total	385	246	80	18	242	.....	640	584	2,906	3,414	2,727	11,262

SLACK COAL

[illegible]

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	238	346	360	198	.....	.....	48	63	61	59	47	....	278
Crowsnest .....	.....	.....	.....	.....	.....	93	93	308	607	998	869	931	5,041
Total	238	346	360	198	.....	93	141	371	668	1,057	916	931	5,319

MINE-RUN COAL

Cascade .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crowsnest	95	.....	.....	.....	.....	.....	46	48	.....	48	159	182	578
Mountain Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	95	.....	.....	.....	.....	.....	46	48	.....	48	159	182	578

NUT COAL

Cascade	151	337	297	1,180	107	363	456	509	736	340	.....	325	3,631
Crowsnest	331	165	704	292	292	36	76	484	1,060	1,029	1,452	1,398	8,407
Nordegg .....	.....	236	299	143	150	.....	.....	.....	.....	.....	.....	.....	828
Mountain Park .....	.....	.....	.....	.....	.....	48	.....	.....	.....	.....	.....	.....	48
Total	482	738	1,300	1,323	549	447	532	993	1,796	1,369	1,452	1,933	12,914

SLACK COAL

Cascade .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crowsnest	4,345	4,827	6,470	7,993	5,566	.....	119	.....	1,194	1,104	332	3,899	37,118
Mountain Park .....	.....	.....	.....	.....	.....	.....	37	.....	.....	47	1,601	.....	84
Total	4,345	4,827	6,470	7,993	5,566	.....	156	.....	1,194	1,151	1,933	3,899	37,534

MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crowsnest					37	195							232

NUT COAL

Crowsnest	250	151	70	119	48	71		60	300	377	330	2,112	3,888
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SLACK COAL

Crowsnest	2,039	1,351	1,580	983	933	1,317	1,005	706	2,360	2,343	3,004	887	18,508
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Amount of Domestic Coal used under Colliery Bollers by areas during each month:

Ardley	65	55	40	40	40	40	40	43	13	12	20	14	383
Brooks	13	12	13	11	11	12	12	9	96	118	13	14	145
Canrose	135	97	90	88	64	64	75	90	96	118	124	130	1,171
Carbon	42	35	29	18	14	12	15	23	108	96	98	93	583
Castor	31	24	20	20	359	5	350	500	20	26	25	24	175
Drumheller	1,318	1,096	773	167	359	252	183	181	1,586	1,208	1,209	1,187	10,005
Edmonton	715	596	533	294	199	183	167	181	341	460	536	641	4,846
Haicourt	323	305	167	69	26	26	57	86	177	343	452	445	2,476
Lethbridge	206	164	144	116	134	126	255	278	305	194	222	199	2,343
Pembina	15	12	20	5	5	4	10	9	34	54	61	138	367
Sheerness	50	50	50	100	50	50	50	25	25	45	25	25	545
Tafer													
Tofield													
Total	2,913	2,446	1,879	908	902	774	1,028	1,247	2,705	2,556	2,785	2,896	23,039

Amount of Sub-Bituminous Coal used under Colliery Bollers by areas during each month:

Coalspur	2,303	1,951	1,664	1,438	1,448	1,535	983	2,168	2,608	2,507	3,077	2,915	24,597
Pekisko	12	12	12	12	12	12	12	12	12	12	12	34	154
Prarie Creek	430	395	224	88	201	176	162	329	656	715	692	614	1,049
Saunders	658	493	410	410	410	410	410	410	410	410	410	410	5,194
Total	3,403	2,851	2,310	1,538	1,661	1,723	1,157	2,509	3,276	3,234	3,769	3,563	30,994

Amount of Bituminous Coal used under Colliery Boilers by areas during each month:

Cascade	1,639	1,352	1,304	1,061	1,115	1,195	1,265	1,485	1,450	1,802	1,540	1,686	16,894
Crowsnest	1,752	1,550	1,883	1,233	901	901	876	960	976	1,208	1,614	1,899	15,753
Mountain Park	4,129	3,971	4,102	3,531	3,115	2,915	3,251	3,394	4,063	4,103	4,776	5,366	46,716
Nordegg	441	369	370	263	226	219	282	340	483	448	440	462	4,343
Total	7,961	7,242	7,659	6,088	5,357	5,230	5,674	6,179	6,972	7,561	8,370	9,413	83,706

Amount of Domestic Coal used by Colliery Railroads by areas during each month:

Redcliff	80	64	51	62	6	12	20	93	99	121	90	698
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Amount of Sub-Bituminous Coal used by Colliery Railroads by areas during each month:

Coalspur	590	545	545	565	570	585	410	432	525	429	444	440	6,080
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Amount of Bituminous Coal used by Colliery Railroads by areas during each month:

Cascade	75	50	42	48	50	70	65	65	65	75	65	75	745
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Amount of Bituminous Coal used making Briquettes:

Cascade	9,402	7,820	3,577	1,249	1,669	3,691	2,751	6,041	8,205	9,149	8,610	8,941	71,105
Crowsnest	2,879	2,071	1,991	1,481	2,495	3,816	4,666	82	624	491	345	1,542	15,422
Nordegg								4,701	6,486	6,834	2,978	4,941	45,339
Total	12,281	9,891	5,568	2,730	4,164	7,507	7,417	10,824	15,315	16,474	11,933	13,882	117,986

Amount of Bituminous Coal used making Coke:

Crowsnest	9,127	8,646	9,904	4,971	9,060	9,081	9,472	9,141	8,940	9,299	8,640	9,109	105,390
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Amount of Domestic Coal Put to Stock by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	200	200	100	.....	.....	.....	.....	.....	.....	.....	.....	45	500
Big Valley	95	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
Canrose	100	100	.....	322	.....	.....	.....	60	100	100	140	200	1,122
Carbon	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	14
Castor	.....	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Champion	3,370	6,300	361	170	475	120	260	2,043	4,393	6,761	3,328	380	27,961
Drumheller	248	76	107	.....	.....	.....	465	358	.....	328	341	8	1,923
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	29	.....	.....	.....	31
Halcourt	179	112	2	131	36	.....	100	433	92	41	299	183	1,606
Lethbridge	.....	.....	.....	.....	.....	.....	.....	.....	16	.....	.....	.....	.....
Pakowki	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	5	.....	26
Pembina	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
Rochester	10	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	5
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Whitecourt	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,202	6,820	582	627	511	120	825	2,894	4,630	7,230	4,125	805	33,371

Amount of Sub-Bituminous Coal Put to Stock by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	120	20	22	.....	.....	.....	.....	.....	300	1,460	2,773	274	4,927
Pincher	.....	84	.....	.....	.....	19	8	18	195	.....	.....	.....	87
Saunders	.....	.....	.....	.....	.....	.....	18	.....	.....	.....	.....	.....	297
Total	120	104	22	.....	.....	19	26	18	495	1,460	2,773	274	5,311

Amount of Bituminous Coal Put to Stock by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	538	1,107	112	265	651	106	130	283	265	214	302	317	4,290
Crowsnest	1,901	1,341	791	.....	357	511	365	324	.....	3,834	477	359	10,260
Highwood	128	.....	.....	128	.....	.....	.....	.....	.....	.....	.....	8	264
Mountain Park	.....	75	152	23	50	36	80	58	97	85	.....	159	217
Nordeg	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	723
Total	2,662	2,523	1,055	416	1,058	653	575	665	362	4,133	779	873	15,754

Amount of Domestic Coal Put to Waste by areas during each month:

	3	2	1	1	1	1	1	1	2	98	3	115
Big Valley	117	16	18	16	5	6	120	7	711	425	149	1,771
Camrose	40	36	33	33	30	25	40	34	53	97	51	356
Carbon	175	132	131	7	7	6	12	36	235	303	217	1,487
Castor	27	23	39	3	6	202	300	3,800	6,913	3,682	1,023	19,725
Champion	720	440	345	3	9	7	8	43	62	67	68	452
Drumheller	78	58	49	16	13	16	13	25	31	31	39	322
Edmonton	37	33	25	16	13	2	2	4	30	100	15	213
Gleichen	16	4	5	3	2	2	2	4	30	100	15	213
Halcourt	7	3	12	3	2	2	2	4	30	100	15	213
Lethbridge	20	25	16	28	35	40	18	28	46	428	151	1,076
Milk River	69	50	68	28	8	12	31	63	295	348	153	1,527
Pembina	7	3	12	3	2	2	2	4	30	100	15	213
Sheerness	20	25	16	28	35	40	18	28	46	428	151	1,076
Taber	69	50	68	28	8	12	31	63	295	348	153	1,527
Whitecourt	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	20
Total	1,309	822	723	107	741	311	377	1,983	4,788	5,379	1,883	27,419

Amount of Sub-Bituminous Coal Put to Waste by areas during each month:

	1,194	1,042	991	1,256	1,283	1,406	1,178	1,119	1,738	2,616	2,671	2,100	18,594
Coalspur	15	12	10	.....	.....	40	58	38	28	20	36	30	287
Pincher	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,209	1,054	1,001	1,256	1,283	1,446	1,236	1,157	1,766	2,636	2,707	2,130	18,881

Amount of Bituminous Coal Put to Waste by areas during each month:

	20	20	14	15	5	5	10	10	15	15	20	25	174
Cascade	4,504	3,711	5,146	4,868	5,241	4,761	5,898	6,866	5,775	5,751	6,267	5,851	64,439
Crowsnest	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	60
Highwood	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,524	3,731	5,160	4,883	5,246	4,766	5,908	6,876	5,790	5,766	6,287	5,936	64,673

Amount of Domestic Coal Lifted from Stock by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
Big Valley .....	.....	80	91	213	121	.....	.....	.....	.....	.....	20	.....	505
Canrose .....	.....	.....	.....	1,522	.....	.....	.....	.....	.....	.....	.....	.....	1,522
Carbon .....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Caston	2,485	2,776	1,257	1,563	738	531	120	260	345	845	1,673	5,719	18,312
Drumheller	48	351	669	1,064	557	518	465	404	.....	.....	.....	147	4,223
Edmonton	2	.....	.....	.....	.....	.....	.....	.....	6	23	33	2	33
Halcourt	85	73	158	30	161	36	.....	.....	65	368	41	437	1,454
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber .....	.....	96	.....	64	.....	.....	.....	.....	.....	16	.....	30	190
Whitecourt .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	21
Pembina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	5
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,620	3,386	2,175	4,456	1,577	1,085	585	664	416	1,252	1,734	6,345	26,295

Amount of Sub-Bituminous Coal Lifted from Stock by areas during each month:

Coalspur .....	.....	50	70	7	6	.....	.....	.....	.....	150	.....	253	523
Pincher .....	.....	.....	84	.....	.....	.....	25	18	4	195	39	.....	81
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	297
Total .....	.....	50	154	7	6	.....	25	18	4	345	39	253	901

Amount of Bituminous Coal Lifted from Stock by areas during each month:

Cascade	98	538	1,107	112	265	651	106	130	283	265	214	302	4,071
Crowsnest	165	351	1,696	2,083	2,026	162	479	767	2,435	40	595	1,164	11,963
Highwood .....	.....	.....	.....	25	.....	.....	.....	.....	.....	.....	.....	.....	25
Mountain Park	54	73	.....	55	221	5	37	112	58	.....	120	.....	58
Nordegg .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	677
Total	317	962	2,803	2,275	2,512	818	622	1,691	3,196	305	929	1,466	16,794

Amount of Domestic Coal Lifted from Waste by areas during each month:

[illegible]

Output and Number of Mines Producing in 1941:

Kind of Coal	Under 1,000 tons		1,000 to 5,000 tons		5,000 to 10,000 tons		10,000 to 50,000 tons		50,000 to 100,000 tons		100,000 to 150,000 tons		150,000 to 200,000 tons		200,000 to 300,000 tons		Over 300,000 tons		Total
	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	
Domestic	80	35,743	66	137,742	18	135,959	25	497,398	12	801,128	5	586,220	3	519,064	.....	.....	.....	.....	209,271,325
Sub-Bituminous	4	1,422	3	8,393	.....	.....	3	67,720	3	187,117	1	146,862	1	173,939	.....	.....	.....	.....	13,583,453
Bituminous	2	1,021	2	5,610	.....	.....	1	48,679	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,367,137
Total	86	38,186	71	151,745	18	135,959	29	613,797	15	988,245	6	733,082	4	693,003	2	501,215	8	3,114,832	239,670,064

THE MINES BRANCH

Number of men employed in the DOMESTIC FIELD as at December 31st, 1941:

Areas	UNDERGROUND										ABOVE GROUND										TOTAL					
	Officials	Hand Cutters	Machine Cutters & Helpers	Machine Loaders	Chute Loaders	Horse H'ly'ge Employees	Mechanical H'ly'ge Kmps	Ventilation Employees	Road Makers	Timber Men	Pump Men	Other Employees	Total Underground	Adminis- tration	Foremen and Clerks	Screenmen and Loaders	Engine Men	Firemen	Machinists	Carpenters and Masons		Other Mechanics	Surface Haulage	All Other Employees	Total Above Ground	
Ardley	7	17	1	2								8	32		1	1	1						1		2	34
Big Valley	4	4											14		1	1	1								3	17
Brooks	1	7											10		1	1	1								3	18
Camrose	5	71									1	9	94		3	10	3							8	26	120
Carbon	13	14	6	44									91		6	12	2					1		6	27	118
Castor	27	79	2										116		1	2	2					2		1	8	38
Champion	5	27										2	34			2	2								4	38
Drumheller	102	24	185	1,004								3	161		11	61	198	9	7	17	8	11	5	74	401	2,291
Edmonton	46	233	37	222								5	65		21	39	26	2	2	5	5	6	20	135	9	887
Geichen	7	40	3	8								1	13		1	1	1							3	3	83
Halcourt	5	13											18		1	3	3								3	21
Lethbridge	27	20	37	225								2	15		3	24	41	12	3	4	4	12	6	45	154	582
Milk River	1		2										3		2	2	2	1					1		6	9
Pakowki	2												2													2
Pembina	4	37	1	3								4	57		1		9	4		1	1			1	17	73
Redcliff	4		4	20								6	40				7	1		1			1	2	12	52
Rochester	2	3										3	5		1		2								3	8
Sexsmith																										
Sheerness	3	2										1	6		4	5	2							2	16	29
Taber	6	3	7	12									30		2	4	4	3	2				5	6	20	50
Tofield	2	11										2	13		2	4	28	3						10	47	62
Wetaskiwin	1	1										4	6			1									1	6
Whitecourt																										1
Total	272	609	285	1,540		310	120	17	121	133	12	298	3,717	34	136	363	70	14	25	19	28	34	192	915		4,632

Number of men employed in the SUB-BITUMINOUS FIELD as at December 31, 1941:

Coalspur	16	66	24	66	16	14	3	18	2	8	233	12	26	74	18	20	8	6	18	25	100	307	540
Pekisko	3	7	...	...	...	2	...	...	...	...	...	...	1	13	1	...	1	...	...	...	...	...	3	5	18
Pincher	2	1	...	...	...	...	...	...	...	...	...	...	...	3	1	...	1	...	...	...	...	...	...	2	5
Prairie Creek .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Saunders	7	...	10	54	...	1	9	...	...	...	2	4	...	3	90	2	3	15	6	3	...	1	2	3	35
Total.....	28	74	34	120	16	15	14	...	2	22	2	12	339	16	29	90	25	23	8	7	18	27	106	349	688	

BITUMINOUS FIELD

Cascade	16	98	5	15	143	6	31	2	7	5	...	22	207	1	12	30	4	7	4	2	...	...	34	94	301
Crowsnest	81	896	2	3	143	16	146	14	33	170	6	109	1,619	27	53	123	15	16	20	11	56	23	145	489	2,108
Highwood	1	3	...	...	...	...	...	...	...	...	1	1	5	...	...	...	...	...	...	...	...	...	1	1	6
Mountain Park	42	358	29	...	35	35	56	29	10	108	7	26	735	4	22	81	12	19	13	11	8	14	114	298	1,033
Nordegg	13	135	...	...	...	44	18	4	52	26	2	...	294	2	16	12	...	4	3	11	11	4	104	167	461
Total	153	1,490	36	18	178	101	251	49	102	309	15	158	2,860	34	103	246	31	46	40	35	75	41	398	1,049	3,909

SUMMARY

Domestic	272	609	285	1,540	...	310	120	17	121	133	12	298	3,717	34	136	363	70	14	25	19	28	34	182	915	4,632
Sub-Bituminous	28	74	34	120	16	15	14	...	2	22	2	12	339	16	29	90	25	23	8	7	18	27	106	349	688
Bituminous	153	1,490	36	18	178	101	251	49	102	309	15	158	2,860	34	103	246	31	46	40	35	75	41	398	1,049	3,909
Total	453	2,173	355	1,678	194	426	385	66	225	464	29	468	6,916	84	268	699	126	83	73	61	121	102	696	2,313	9,229

THE MINES BRANCH

Men employed above and below ground in the DOMESTIC FIELD by areas each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Ardley	53	57	46	21	21	15	17	19	23	26	24	34	30
Big Valley	17	15	13	6	4	5	5	5	7	10	26	17	11
Brooks	15	12	11	6	6	7	8	14	19	20	20	18	13
Camrose	127	113	101	65	52	55	60	70	102	111	119	120	91
Carbon	167	152	118	83	68	40	55	63	99	103	121	118	99
Castor	126	118	98	23	19	25	29	34	102	128	152	124	82
Champion	48	41	42	27	27	26	23	31	44	46	41	38	36
Drumheller	2,367	2,156	1,920	866	595	582	833	1,977	2,194	2,280	2,312	2,291	1,698
Edmonton	932	815	705	429	326	303	283	360	622	771	875	887	609
Gleichen	101	94	79	37	32	33	53	53	103	103	100	83	71
Halcourt	21	24	28	4	5	6	10	10	9	13	18	21	14
Lethbridge	590	542	444	345	290	272	354	492	568	601	603	582	474
Magrath	3	9	9	5	5	7	6	11	18	22	16	9	11
Milk River	10	8	10	7	1	2	4	1	2	4	4	2	5
Pakan	10	8	10	7	1	2	4	1	2	4	4	2	5
Pakowki	46	68	80	57	60	61	62	61	68	69	73	74	65
Pembina	56	53	44	30	20	19	23	29	43	46	56	52	39
Redcliff	7	6	4	3	3	3	5	4	4	7	8	8	5
Rochester	34	35	29	17	16	21	24	20	31	39	45	35	29
Sexsmith	45	34	28	21	17	16	17	16	40	43	47	50	31
Taber	50	47	56	36	33	33	33	35	51	63	64	62	47
Tofield	9	10	10	7	7	5	2	2	2	5	6	6	10
Westlock	17	15	13	7	7	5	2	2	2	1	1	1	7
Wetaskiwin .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Whitecourt .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
No Area .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,851	4,424	3,897	2,100	1,607	1,536	1,892	3,307	4,151	4,511	4,731	4,632	3,490

Men employed above and below ground in the SUB-BITUMINOUS FIELD by areas each month:

Coalspur	445	413	387	280	309	273	350	436	482	524	565	540	417
Pekisko	18	14	11	11	9	7	9	12	13	12	17	18	13
Pincher	3	3	3	2	2	5	4	4	4	5	5	5	4
Prairie Creek	133	129	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	129
Saunders	111	105	87	24	56	59	74	100	118	129	131	125	93
Total	710	664	616	317	376	344	437	552	617	670	718	688	656

Men employed above and below ground in the BITUMINOUS FIELD by areas each month:

Cascade	285	285	288	286	284	286	288	304	304	303	298	301	293
Crownest	1,698	1,705	1,744	1,773	1,862	1,908	1,924	1,974	2,033	2,051	2,078	2,108	1,903
Highwood	8	9	6	.....	.....	.....	.....	.....	.....	19	5	8	9
Mountain Park	1,000	1,001	1,004	1,003	974	983	1,001	1,005	1,013	1,027	1,013	1,033	1,005
Nordegg	248	245	254	249	315	344	409	424	435	465	441	461	358
Total	3,239	3,245	3,296	3,311	3,435	3,521	3,622	3,707	3,785	3,845	3,835	3,909	3,568

Men employed above and below ground in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS FIELDS by areas each month:

Domestic	4,851	4,424	3,897	2,100	1,607	1,536	1,892	3,307	4,151	4,511	4,731	4,632	3,490
Sub-Bituminous	710	664	616	317	376	344	437	552	617	670	718	688	656
Bituminous	3,239	3,245	3,296	3,311	3,435	3,521	3,622	3,707	3,785	3,845	3,835	3,909	3,568
Total	8,800	8,333	7,809	5,728	5,418	5,401	5,951	7,566	8,553	9,026	9,284	9,229	7,714

THE MINES BRANCH

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed under-ground	Tons of coal mined per man employed under-ground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055
1921	5,937,195	10,018	592	7,203	824
1922	5,976,432	8,757	683	6,154	971
1923	6,866,923	9,927	687	7,249	893
1924	5,202,713	7,317	711	5,299	982
1925	5,883,394	8,774	670	6,498	834
1926	6,508,908	8,763	743	6,569	991
1927	6,936,780	9,016	768	6,681	970
1928	7,334,179	9,496	772	6,625	1,107
1929	7,147,250	9,572	747	7,115	1,004
1930	5,755,911	8,889	648	6,607	871
1931	4,563,309	8,070	577	5,969	701
1932	4,867,984	7,837	621	5,772	844
1933	4,714,784	8,042	586	5,937	794
1934	4,748,848	7,863	604	5,809	744
1935	5,462,973	7,800	700	5,644	969
1936	5,696,375	8,110	702	5,940	959
1937	5,551,682	7,836	708	5,806	956
1938	5,230,025	7,411	706	5,427	965
1939	5,518,105	7,456	740	5,517	1,000
1940	6,205,088	7,416	836	5,526	1,122
1941	6,970,064	7,714	903	6,916	1,007

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD

1910	878,011	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,701	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,953	884
1920	3,359,308	5,173	647	3,723	902
1921	2,943,141	5,601	525	4,256	691
1922	3,086,669	4,981	620	3,752	823
1923	3,161,741	4,969	636	3,765	812
1924	3,096,660	4,543	681	3,447	898
1925	3,156,359	4,874	647	3,750	808
1926	3,160,029	4,798	658	3,714	816
1927	3,357,171	4,663	720	3,603	891
1928	3,378,200	4,810	702	3,700	873
1929	3,385,749	4,944	685	3,813	880
1930	2,874,090	4,822	596	3,756	765
1931	2,245,563	4,400	510	3,419	628
1932	2,574,785	4,548	566	3,539	728
1933	2,434,047	4,480	543	3,487	698
1934	2,295,566	4,289	535	3,370	644
1935—Stp. pit	130,084	96	1,355		
B. Ground	2,517,828	3,927	658	3,059	823
1936—Stp. pit	80,111	107	749		
B. Ground	2,761,120	4,112	671	3,243	851
1937—Stp. pit	80,116	79	1,014		
B. Ground	2,551,034	3,148	810	3,162	832
1938—Stp. pit	72,829	74	945		
B. Ground	2,380,434	3,573	667	2,846	801*
1939—Stp. pit	76,394	73	1,048		
B. Ground	2,372,805	3,636	653	2,900	818*
1940—Stp. pit	74,021	71	1,042		
B. Ground	2,463,184	3,556	692	2,844	866*
1941—Stp. pit	88,142	63	1,399		
B. Ground	2,625,112	3,427	766	2,745	956*

*See note on page over.

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed under-ground	Tons of coal mined per man employed under-ground
1922—Stp. pit	367,514	217	1,692	.....	.....
B. Ground	179,550	403	445	277	648
1923—Stp. pit	288,467	190	1,513	.....	.....
B. Ground	174,994	354	494	260	673
1924—Stp. pit	369,724	211	1,752	.....	.....
B. Ground	222,222	393	565	278	799
1925—Stp. pit	335,993	162	2,074	.....	.....
B. Ground	245,842	461	533	326	754
1926—Stp. pit	258,964	147	1,761	.....	.....
B. Ground	231,407	443	545	305	758
1927—Stp. pit	304,584	194	1,583	.....	.....
B. Ground	290,606	478	608	321	905
1928—Stp. pit	394,682	179	2,205	.....	.....
B. Ground	345,810	643	536	457	756
1929—Stp. pit	319,764	163	1,962	.....	.....
B. Ground	348,344	585	595	402	866
1930—Stp. pit	304,144	157	1,937	.....	.....
B. Ground	299,187	569	526	390	767
1931—Stp. pit	280,251	161	1,803	.....	.....
B. Ground	191,138	486	393	336	569
1932—Stp. pit	348,266	177	1,868	.....	.....
B. Ground	211,213	491	430	341	619
1933—Stp. pit	309,365	170	1,820	.....	.....
B. Ground	244,776	516	474	370	661
1934—Stp. pit	302,054	158	1,912	.....	.....
B. Ground	235,488	482	489	326	722
1935—Stp. pit	287,970	180	1,600	.....	.....
B. Ground	278,466	501	830	337	826
1936—Stp. pit	263,899	175	1,508	.....	.....
B. Ground	302,587	532	569	360	841
1937—Stp. pit	229,747	149	1,542	.....	.....
B. Ground	276,782	504	549	348	795
1938—Stp. pit	227,317	148	1,536	.....	.....
B. Ground	261,595	633	772	327	800*
1939—Stp. pit	246,459	142	1,735	.....	.....
B. Ground	265,646	494	538	320	830*
1940—Stp. pit	318,425	241	1,321	.....	.....
B. Ground	280,261	393	713	328	854*
1941—Stp. pit	320,801	272	1,179	.....	.....
B. Ground	264,652	384	689	248	1,069

*See note on page over.

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD

1910	1,896,961	2,981	636	2,076	914
1911	649,745	2,645	246	1,820	357
1912	1,926,371	3,243	594	2,353	818
1913	2,374,401	3,562	666	2,645	897
1914	1,953,367	3,529	553	2,632	742
1915	1,626,237	2,921	557	2,103	773
1916	2,335,259	3,142	743	2,258	1,034
1917	2,206,868	3,335	661	2,429	909
1918	2,982,334	3,686	820	2,597	1,109
1919	2,325,787	3,118	745	2,100	1,108
1920	3,410,021	4,228	809	2,711	1,202
1921	2,897,380	4,133	701	2,820	1,026
1922	2,214,273	3,034	729	2,084	1,062
1923	3,241,614	4,345	746	3,215	1,008
1924	1,515,107	2,171	698	1,574	866
1925	2,145,200	3,277	654	2,422	885
1926	2,858,508	3,375	847	2,550	1,121
1927	2,984,419	3,682	810	2,757	1,082
1928	3,215,481	3,862	832	2,468	1,302
1929	3,093,393	3,880	797	2,898	1,077
1930	2,278,490	3,341	682	2,461	926
1931	1,846,357	3,023	611	2,214	834
1932	1,733,720	2,621	660	1,892	916
1933	1,726,596	2,876	600	2,080	830
1934	1,915,740	2,934	653	2,113	907
1935	2,248,625	3,096	726	2,248	1,000
1936	2,288,658	3,184	719	2,337	979
1937	2,414,003	3,156	765	2,295	1,052
1938	2,287,850	3,131	731	2,254	1,015
1939	2,556,801	3,111	822	2,297	1,113
1940	3,069,197	3,155	972	2,354	1,303
1941	3,671,357	3,568	1,029	2,659	1,381

THE MINES BRANCH

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	261,785	530	493	338	774
1911	80,119	500	160	209	383
1912	178,589	438	407	225	793
1913	168,720	489	345	263	641
1914	170,971	422	405	230	743
1915	125,732	343	366	180	698
1916	140,544	296	474	141	996
1917	118,717	284	418	129	920
1918	131,225	286	458	124	1,058
1919	85,616	229	374	95	901
1920	130,594	287	455	117	1,116
1921	96,674	284	341	127	761
1922	40,417	112	361	41	986
1923	107	69	1	9	12

NOTE.—The table showing the number of men employed in the Anthracite Coal Field, includes employees at the briquetting plant. There has been no anthracite coal produced since 1923.

*Calculating the total per capita production for men employing underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

It will also be noted that the tonnage used in the above and following tables does not include tonnage extracted under permit.

PER CAPITA PRODUCTION OF MINES BY AREAS:

DOMESTIC COAL FIELD

Area	Gross tons of coal mined	Total Average No. of men employed	Tons of coal mined per man employed	Average No. of men employed under- ground	Tons of coal mined per man employed under- ground
Ardley	10,916	30	364	24	455
Big Valley	4,006	11	364	10	401
Brooks	11,446	13	880	7	1,635
Camrose	54,786	91	602	68	806
Carbon	57,207	99	578	78	733
Castor	43,006	82	524	75	573
Champon	13,203	36	367	32	412
Drumheller	1,458,455	1,698	859	1,374	1,061
Edmonton	477,637	609	784	506	944
Gleichen	25,642	71	361	63	407
Halcourt	3,595	14	257	12	300
Lethbridge	339,579	474	716	346	981
Magrath	21	3	7	3	7
Milk River	3,848	11	350	3	1,283
Pakowki	635	5	127	4	159
Pembina	66,746	65	1,027	50	1,335
Redcliff	25,837	39	662	30	861
Rochester	1,980	5	396	4	495
Sexsmith	88	9	10	4	22
Sheerness (Stripping)	37,312	23	1,622	.....	.....
Sheerness (Underground)	1,893	6	315	6	316
Taber	14,852	31	479	24	619
Tofield (Stripping)	50,830	40	1,271	.....	.....
Tofield (Underground)	5,655	7	808	.....	808
Westlock	1,314	10	131	8	164
Wetaskiwin	2,546	7	364	7	364
Whitecourt	219	1	219	.....	.....
Total	2,713,254	3,490	777	2,745	956*

SUB-BITUMINOUS COAL FIELD

Coalspur (Stripping)	320,801	272	1,179	.....	.....
Coalspur (Underground)	189,132	145	1,304	145	1,304
Pekisko	6,977	13	537	10	698
Pincher	823	4	206	3	274
Prairie Creek	16,988	129	132	26	653
Saunders	50,732	93	545	64	793
Total	585,453	656	892	248	1,067*

BITUMINOUS COAL FIELD

Cascade	322,202	293	1,100	202	1,595
Crowsnest	2,021,155	1,903	1,062	1,482	1,363
Highwood	700	9	78	7	100
Mountain Park	985,751	1,005	981	731	1,348
Nordegg	341,549	358	954	237	1,441
Total	3,671,357	3,568	1,029	2,659	1,381

*This figure is arrived at by deducting the tonnage from stripping pits from gross tonnage mined and dividing the product by the number of men employed underground.

THE MINES BRANCH

Number of days on which Coal was drawn in the DOMESTIC FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	15.5	12.5	9.5	4.7	5.0	3.7	6.2	10.25	12.9	15.7	19.5	16.3	131.75
Big Valley	21.25	19.5	15.0	10.5	8.5	7.5	5.7	20.0	20.0	22.7	18.6	17.0	186.25
Brooks	25.0	24.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	27.0	25.0	26.0	309.00
Camrose	18.7	18.4	17.0	11.8	11.8	13.3	10.6	14.75	15.5	21.0	19.44	21.0	191.99
Carbon	15.0	14.7	12.0	7.0	6.44	9.29	9.0	13.3	18.2	19.8	21.6	19.0	165.33
Castor	16.86	14.5	13.3	10.5	10.0	9.2	8.75	10.0	18.0	23.5	20.6	17.3	172.51
Champion	17.7	14.4	14.8	10.5	11.0	9.6	11.6	15.3	22.4	25.0	21.8	21.4	197.5
Drumheller	15.83	12.55	10.4	7.4	7.0	9.2	6.4	18.7	22.75	22.8	19.0	17.5	169.53
Edmonton	21.54	19.68	13.2	12.68	13.2	11.1	12.0	15.9	20.8	23.5	20.8	21.6	209.20
Gleichen	19.66	16.2	17.9	9.3	10.7	11.2	13.6	21.67	21.2	22.7	21.8	20.5	203.23
Halcourt	23.0	17.8	11.7	10.0	12.5	16.7	11.8	13.7	16.7	16.7	19.5	20.0	199.10
Lethbridge	18.0	14.54	13.3	11.5	12.0	11.3	14.5	20.2	21.0	21.3	20.0	18.6	196.24
Magrath	8.0	11.5	15.4	6.33	6.3	5.7	5.5	9.0	22.0	25.3	20.0	15.4	157.38
Milk River	14.75	7.33	5.75	6.0	7.0	6.0	3.0	10.0	18.5	26.0	18.34	13.0	128.17
Pakan	6.25	15.3	15.0	26.0	26.0	22.0	26.0	16.5	19.3	21.7	21.67	24.67	251.84
Pakowki	17.5	15.0	13.0	12.0	3.0	23.0	17.0	20.5	24.5	26.0	23.0	22.5	219.00
Penbina	15.5	20.5	7.5	1.0	3.0	3.0	3.0	2.0	6.0	13.0	15.5	24.0	121.00
Redcliff	22.5	20.5	21.5	13.3	17.0	12.0	12.6	11.1	13.3	17.5	19.0	13.7	21.55
Sexsmith	13.0	12.0	11.8	8.5	10.0	6.9	8.5	13.2	18.9	23.3	19.0	15.3	166.30
Sheerness	14.8	12.78	10.7	8.5	13.5	9.7	9.7	25.0	19.0	18.8	24.0	23.25	161.88
Taber	15.0	14.67	14.2	13.0	13.5	9.7	9.7	25.0	19.0	18.8	24.0	23.25	199.82
Tofield	25.0	24.0	18.0	10.0	5.0	2.5	5.0	5.0	10.0	15.0	20.0	20.0	67.00
Westlock	23.7	20.0	14.4	10.0	5.0	2.5	5.0	5.0	10.0	15.0	20.0	20.0	150.60
Whitecourt	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	78.00
No Area .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	17.57	15.57	13.98	10.8	11.23	10.9	10.76	14.86	18.57	21.5	20.64	19.6	185.98

Number of days on which Coal was drawn in the SUB-BITUMINOUS FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	23.4	16.2	10.6	12.3	14.0	15.0	11.5	16.5	20.7	23.0	22.5	20.8	206.5
Pekisko	22.5	20.6	15.7	17.0	11.0	20.0	13.3	22.7	18.0	25.5	26.0	23.25	235.55
Pincher	7.0	15.0	6.0	6.0	6.0	6.0	7.0	7.5	16.0	18.0	10.0	15.5	108.0
Prairie Creek	24.0	22.0	8.0	3.5	3.5	3.5	6.5	17.5	25.0	26.0	23.0	22.0	54.0
Saunders	18.5	13.5	10.0	3.5	3.5	3.5	6.5	17.5	25.0	26.0	23.0	22.0	17.25
Total	19.08	17.46	10.06	10.93	9.5	11.1	9.58	16.0	19.9	23.1	20.4	20.4	187.51

Number of days on which Coal was drawn in the BITUMINOUS FIELD by areas during each month:

Cascade	25.0	22.0	19.5	19.0	20.5	24.5	24.5	25.0	24.5	25.0	24.0	25.0	278.5
Crowsnest	20.5	19.15	18.9	16.6	20.3	22.2	20.8	21.2	23.3	21.0	21.67	23.4	249.02
Highwood	27.0	20.0	.....	.....	.....	.....	.....	.....	.....	6.0	6.0	22.0	81.0
Mountain Park	24.0	23.0	23.8	20.25	24.5	25.0	22.2	23.2	24.75	26.25	22.0	22.0	280.95
Nordegg	22.0	18.0	19.0	14.0	22.0	23.0	26.0	24.0	25.0	23.0	16.0	21.0	253.0
Total	23.7	20.43	20.3	17.46	21.8	23.7	23.25	23.35	24.39	20.25	17.93	22.7	259.26

Number of days on which Coal was drawn each month:

Domestic	17.57	15.57	13.98	10.8	11.23	10.9	10.76	14.86	18.57	21.5	20.64	19.6	185.98
Sub-Bituminous	19.08	17.46	10.06	10.93	9.5	11.1	9.58	16.0	19.9	23.1	20.4	20.4	187.51
Bituminous	23.7	20.43	20.3	17.46	21.8	23.7	23.25	23.35	24.39	20.25	17.93	22.7	259.26
Total	20.12	17.82	14.78	13.06	14.17	15.2	14.53	18.07	20.95	21.62	19.66	20.9	210.88

THE MINES BRANCH

Total number of shifts worked above and below ground by areas during each month for the six months ending June 30, 1941:

DOMESTIC FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley	210	708	139	587	129	427	88	140	88	159	79	139	733	2,160
Big Valley	26	324	26	236	22	183	4	47	2	2	27	25	85	842
Brooks	81	248	70	196	45	139	119	567	81	69	97	67	481	782
Camrose	739	1,998	486	1,293	479	1,069	195	577	229	554	239	610	2,367	6,091
Carbon	535	2,348	356	1,735	274	987	304	476	145	339	110	315	1,724	6,200
Castor	271	1,679	269	1,482	211	1,060	38	276	160	165	29	212	878	4,874
Champion	87	742	67	471	66	441	40	204	59	182	37	223	336	2,573
Drumheller	9,082	37,517	6,449	24,048	5,472	17,590	2,958	7,390	2,763	5,104	2,731	5,587	29,355	97,236
Edmonton	3,141	16,816	2,437	11,005	2,147	9,488	1,351	4,590	1,284	4,219	1,183	3,150	11,513	49,268
Gleichen	263	2,005	220	1,717	173	1,143	100	341	332	332	99	313	939	5,851
Halcourt	25	500	41	395	11	321	20	40	16	82	39	62	152	1,400
Lethbridge	3,026	7,830	2,360	4,848	2,255	3,977	1,965	2,944	1,858	2,542	1,878	2,874	13,342	25,015
Magrath	8	16	...	...	...	...	...	...	...	...	...	...	8	16
Milk River	115	34	66	40	70	38	27	7	31	9	45	10	354	138
Pakan .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pakowki	2	49	12	50	32	110	12	21	7	7	6	6	71	243
Pembina	278	637	307	1,015	375	1,147	340	1,115	333	1,131	256	969	1,889	6,034
Redcliff	174	653	173	546	128	419	120	352	87	192	134	287	816	2,449
Rochester	51	110	45	87	26	59	5	10	12	24	13	26	152	316
Sexsmith .....	...	...	...	...	66	83	...	...	...	...	...	...	66	83
Sheerness	329	160	311	122	273	114	199	16	286	...	380	4	1,778	421
Taber	130	438	99	285	91	230	44	120	48	93	30	93	442	1,239
Tofield	956	92	838	90	1,010	52	785	3	800	2	692	6	5,081	2,445
Westlock	50	207	48	195	36	132	...	...	...	...	...	...	134	534
Wetaskiwin	27	355	20	235	17	145	...	70	...	50	...	16	64	871
Whitecourt .....	...	...	6	...	...	...	...	...	...	...	...	...	6	...
No Area .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	19,606	75,486	14,845	50,678	13,408	39,334	8,714	18,810	8,211	15,269	8,082	15,004	72,866	214,581

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31, 1941:

DOMESTIC FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1941	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley	73	125	94	175	8	225	168	393	41	513	30	442	414	1,873	1,147	4,033
Big Valley	40	19	20	60	20	125	22	202	72	416	44	238	218	1,060	303	1,902
Brooks	112	72	172	197	185	218	212	260	210	237	154	218	1,045	1,202	1,526	1,984
Camrose	184	801	298	759	474	1,464	699	1,997	667	2,017	647	1,947	2,969	8,985	5,336	15,076
Carbon	79	326	257	823	561	1,583	494	1,442	635	1,891	475	1,685	2,501	7,750	4,225	13,950
Castor	60	213	59	264	145	1,440	224	2,594	232	2,598	145	1,836	865	8,935	1,743	13,809
Champion	32	187	67	395	120	743	144	895	100	741	103	588	566	3,549	902	5,822
Drumheller	3,140	7,774	8,806	32,187	10,225	42,159	10,683	45,187	9,180	36,353	8,787	32,500	50,821	196,140	80,276	293,366
Edmonton	1,314	3,151	1,639	4,539	2,435	10,112	2,834	13,952	2,708	14,295	2,956	15,551	13,876	6,160	25,389	110,868
Gleichen	86	406	163	819	242	1,856	258	2,213	260	1,874	207	1,577	1,218	8,745	21,571	14,596
Halcourt	28	138	43	71	35	172	31	98	46	499	72	411	255	1,389	407	2,789
Lethbridge	2,219	4,434	3,009	8,625	3,506	9,767	3,816	10,448	3,444	8,858	3,156	7,141	19,150	49,273	32,492	74,288
Magrath	50	8	125	8	299	69	469	94	158	30	106	12	1,207	221	1,561	359
Milk River	8	14	10	10	12	39	376	26	39	97	417	13	59	199	130	442
Pakowki	379	824	396	837	489	956	376	856	385	1,109	252	1,203	2,442	5,885	4,331	11,919
Pembina	102	298	132	448	272	568	243	901	297	1,082	252	860	1,298	4,160	2,114	6,609
Redcliff	36	30	50	22	28	61	53	103	43	125	67	123	277	464	429	780
Rochester	366	34	228	6	374	64	543	99	616	72	550	62	2,677	337	4,455	83
Sexsmith	33	96	54	129	159	552	842	238	238	695	431	431	880	2,745	1,322	758
Sheerness	727	4	803	3	1,047	71	1,149	289	1,089	420	1,031	298	5,846	1,085	10,927	3,984
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	134	1,330
Westlock	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64	1,524
Westkwin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	134	1,289
Whitecourt	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78	.....
Total	9,068	18,964	16,417	50,387	20,626	72,274	22,591	83,063	20,484	74,031	19,470	67,296	108,656	386,015	181,522	580,596

SUB-BITUMINOUS FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur	7,288	4,005	5,884	2,361	5,450	1,081	4,687	388	5,362	614	5,740	1,006	34,411	9,455
Pekisko	95	311	65	262	56	185	50	83	43	114	55	90	364	985
Pincher Creek	718	14	15	21	6	20	3	9	.....	6	2	52	33	122
Saunders	584	1,589	646	2,356	236	1,008	200	255	289	413	285	509	1,600	5,984
			495	1,052	371	786							2,224	4,804
Total	8,692	8,539	7,105	5,992	6,119	3,080	4,940	735	5,694	1,147	6,082	1,657	38,632	21,150

BITUMINOUS FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Cascade	2,608	4,396	2,273	3,332	1,848	3,072	2,150	3,069	2,200	3,256	2,495	4,299	13,574	21,424
Crownest	8,885	28,118	8,379	26,152	9,441	28,711	8,859	26,069	10,076	33,173	10,974	34,091	56,514	176,314
Highwood	27	164	20	171	161	161	.....	.....	.....	.....	.....	.....	47	496
Mountain Park	6,701	17,826	6,275	16,283	7,247	16,739	6,714	14,715	7,409	16,614	8,117	16,300	42,463	98,477
Nordegg	2,029	3,660	1,773	3,058	1,929	3,284	1,661	2,552	2,113	4,055	2,933	5,874	12,438	22,483
Total	20,250	54,164	18,720	48,996	20,465	51,967	19,384	46,405	21,798	57,098	24,519	60,564	125,136	319,194

TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS COAL FIELDS

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Domestic	19,606	75,486	14,845	50,678	13,408	39,334	8,714	18,810	8,211	15,269	8,082	15,004	72,866	214,581
Sub-Bituminous	8,692	8,539	7,105	5,992	6,119	3,080	4,940	735	5,694	1,147	6,082	1,657	38,632	21,150
Bituminous	20,250	54,164	18,720	48,996	20,465	51,967	19,384	46,405	21,798	57,098	24,519	60,564	125,136	319,194
Total	48,548	138,189	40,670	105,666	39,992	94,381	33,038	65,950	35,703	73,514	38,683	77,225	236,634	554,925

SUB-BITUMINOUS FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1941	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur	4,345	1,098	6,532	2,838	7,328	4,411	8,889	4,761	9,271	5,433	8,229	5,211	44,594	23,752	79,005	33,207
Pekisko	57	85	122	163	66	161	79	203	63	84	247	487	584	1,183	948	2,168
Pincher Creek	28	28	46	22	32	32	41	59	38	52	37	50	222	243	235	5,365
Prarie Creek	389	556	577	1,531	787	2,086	923	2,547	852	2,380	833	2,030	4,361	11,130	1,600	5,984
Saunders															6,585	15,734
Total	4,819	1,767	7,227	4,554	8,213	6,690	9,932	7,570	10,224	7,949	9,346	7,778	49,761	36,308	88,393	57,458

BITUMINOUS FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1941	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Cascade	2,462	4,348	2,763	4,267	2,713	4,209	2,889	4,270	2,697	3,963	2,771	4,179	16,295	25,236	29,869	46,660
Crownsnest	10,565	34,291	10,091	35,255	11,115	36,845	10,954	32,449	11,475	34,082	12,672	35,568	66,872	208,490	123,486	384,804
Highwood	8,403	15,801	8,332	15,502	7,638	16,831	8,348	18,078	7,062	17,027	6,988	17,064	46,771	100,303	89,234	198,780
Nordegg	3,376	6,570	3,709	6,464	3,774	6,751	4,420	6,635	4,366	4,547	4,626	5,901	24,271	36,868	36,709	59,351
Total	24,806	61,010	24,895	61,488	25,240	64,636	26,719	61,689	25,644	59,641	27,079	62,822	154,383	371,286	279,519	690,480

TOTAL DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS COAL FIELDS

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1941	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Domestic	9,068	18,964	16,417	50,387	20,626	72,274	22,591	83,063	20,484	74,031	19,470	67,296	108,656	366,015	181,522	580,596
Sub-Bituminous	4,819	1,767	7,227	4,554	8,213	6,690	9,932	7,570	10,224	7,949	9,346	7,778	49,761	36,308	88,393	57,458
Bituminous	24,806	61,010	24,895	61,488	25,240	64,636	26,719	61,689	25,644	59,641	27,079	62,822	154,383	371,286	279,519	690,480
Total	38,693	81,741	48,539	116,429	54,079	143,600	59,242	152,322	56,352	141,621	55,895	137,896	312,800	773,609	549,434	1,328,534

THE MINES BRANCH

AMOUNT OF MINE TIMBER USED DURING THE YEAR
DOMESTIC COAL FIELD

Area	Round Timber, linear feet	Lumber, B.M. feet	Ties, linear feet	Lagging, linear feet	Slabs, cords	Sprags
Ardley	33,600					
Big Valley	18,600					
Brooks	33,567					
Camrose	323,855					
Carbon	262,958	1,700				
Castor	147,406	3,000				
Champion	58,990					
Drumheller	5,410,171		132,712		338	
Edmonton	3,182,179		85,837		172	
Gleichen	82,574					
Halcourt	12,150					
Lethbridge	1,684,157	18,879	56,347			
Magrath	200					
Milk River	3,500					
Pakowki	2,800					
Pembina	27,960					
Redcliff	133,121		16,000			
Rochester	7,329					
Sexsmith	500					
Sheerness	7,600					
Taber	51,851	1,040				
Tofield	19,134					
Westlock	6,500					
Wetaskiwin	15,455					
Total	11,526,157	24,619	290,896		510	

SUB-BITUMINOUS COAL FIELD

Coalspur	204,344					
Pekisko	22,000					
Pincher	2,800				1,500	
Prairie Creek	137,548					
Saunders	197,358			53,080		
Total	564,050			53,080	1,500	

BITUMINOUS COAL FIELD

Cascade	302,292			41,950		
Crowsnest	4,276,994	1,694,890	8,243	1,704,342	39	7,114
Highwood	2,590					
Mountain Park	1,415,675					
Nordegg	1,118,894					
Total	7,116,355	1,694,890	8,243	1,746,292	39	7,114

In addition 70 tons of steel rails were used for timbering in the Crowsnest Area.

PARTICULARS OF LAMPS IN THE DOMESTIC COAL FIELD

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
Portable Electric Lamps, Edison Cap Type	1,800	2,627	2,530	2,481	2,521	2,634	2,556	2,792	2,310	2,300	2,148	2,123	2,071	2,126
Portable Electric Lamps, Wheat Cap														
Portable Electric Lamps, Wolfe				66	66		66		58	58	104	37	31	30
Safety Lamps, Wolfe Flame Type	106	157	171	160	174	242	191	244	308	244	95	177	207	232
Safety Lamps, Koehler Flame Type						3		3		4	26	27	48	25
Total	1,906	2,784	2,701	2,807	2,761	2,879	2,813	3,039	2,618	2,606	2,373	2,395	2,357	2,413

PARTICULARS OF LAMPS IN THE SUB-BITUMINOUS COAL FIELD

Portable Electric Lamps, Edison Cap Type	140	161	184	387	350	357	453	275	297	372	389	449	430	580
Safety Lamps, Wolfe Flame Type	45	37	25	51	59	39	46	39	38	45	39	41	45	44
Total	185	198	209	438	409	396	499	314	335	417	428	490	475	624

PARTICULARS OF LAMPS IN THE BITUMINOUS COAL FIELD

Portable Electric Lamps, Edison Cap Type	3,510	3,310	3,458	4,458	3,005	2,922	2,638	2,743	2,607	2,788	2,745	2,517	2,712	3,119
Portable Electric Lamps, Wheat Electric Cap Type	11	12												
Portable Electric Lamps, Wolfe Electric Cap Type	20	20	20	7	337	318	329	324	25	25	25	25	268	284
Safety Lamps, Wolfe Flame Type	468	363	345	353					327	321	319	255	268	
Total	4,009	3,705	3,823	4,818	3,342	3,240	2,987	3,067	2,959	3,134	3,089	2,772	2,980	3,403

THE MINES BRANCH

QUANTITY OF EXPLOSIVES USED IN POUNDS FOR BLASTING COAL:

DOMESTIC COAL FIELD

Areas	Names of Explosives									Total	
	Pellets	Polar Monobel No. 4	Polar Monobel No. 14	CXL-ITE	Cardox	Stopeite 40%	Dynamite 40%	Stumping Powder	Loose Black		Lump Kol Pellet
Ardley	4,550	50	200	.....	.....	.....	.....	.....	.....	1,250	6,050
Big Valley	800	.....	50	.....	.....	.....	.....	.....	.....	.....	850
Brooks	7,650	.....	215	.....	.....	.....	.....	.....	.....	.....	7,865
Camrose .....	.....	800	582	.....	.....	.....	.....	3	75	.....	1,460
Carbon	10,778	150	50	.....	.....	.....	.....	.....	.....	4,700	15,678
Castor	6,343	50	.....	.....	.....	.....	.....	50	.....	1,800	8,243
Champion	5,450	100	.....	.....	.....	.....	.....	.....	.....	.....	5,550
Drumheller	105,023	11,450	30,365	.....	55,501	450	.....	.....	.....	30,450	233,239
Edmonton	6,020	4,200	14,432	.....	.....	.....	.....	625	.....	16,157	41,434
Gleichen	5,900	.....	300	.....	.....	.....	.....	.....	.....	.....	6,200
Halcourt	35	.....	.....	.....	.....	.....	.....	250	.....	.....	285
Lethbridge	7,600	7,545	19,623	.....	39,238	.....	.....	.....	.....	350	74,356
Magrath .....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	10
Milk River	1,060	330	.....	.....	.....	.....	.....	.....	.....	.....	1,390
Pakowki	135	50	.....	.....	.....	.....	.....	.....	.....	.....	185
Pembina .....	.....	540	.....	.....	.....	.....	.....	.....	.....	.....	540
Redcliff	2,300	.....	1,400	.....	.....	.....	.....	.....	.....	.....	3,700
Rochester .....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	3
Sexsmith .....	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	30
Sheerness	602	.....	.....	.....	.....	.....	.....	.....	2,700	600	3,902
Taber	1,988	.....	.....	.....	.....	.....	.....	.....	.....	505	2,493
Tofield	2	.....	150	.....	.....	.....	5	.....	6,575	.....	6,732
Wetaskiwin	250	.....	300	.....	.....	.....	.....	.....	.....	.....	550
Total	166,486	25,275	67,667	3	94,739	450	35	928	9,350	55,812	420,745

SUB-BITUMINOUS COAL FIELD

Areas	Names of Explosives							Total
	Pellets	Polar Monobel No. 4	Polar Monobel No. 14	20% Polar Forcite	30% Polar Forcite	35% Polar Forcite	60% Polar Forcite	
Coalspur .....	.....	41,445	.....	350	44,100	21,150	50	107,095
Pekisko .....	.....	.....	4,800	.....	.....	.....	.....	4,800
Pincher .....	.....	225	.....	.....	.....	.....	.....	225
Prairie Creek .....	.....	4,508	.....	.....	.....	.....	.....	4,508
Saunders	2,397	.....	7,056	.....	.....	.....	.....	9,453
Total	2,397	46,178	11,856	350	44,100	21,150	50	126,081

BITUMINOUS COAL FIELD

Areas	Names of Explosives			Total
	Polar Monobel No. 4	Polar Monobel No. 6	Polar Monobel No. 14	
Cascade	67,300	.....	1,625	68,925
Crownsnest	71,611	.....	.....	71,611
Highwood .....	.....	.....	400	400
Mountain Park	25,624	76,836	.....	102,460
Nordegg	30,000	.....	.....	30,000
Total	194,535	76,836	2,025	273,396

Number of tons of coal produced per pound of Explosives used for blasting coal:

DOMESTIC COAL FIELD

Areas	Number of tons of coal mined	Number of pounds of explosive used	Tons of coal mined per pound of explosive used
Ardley	10,916	6,050	1.80
Big Valley	4,006	850	4.71
Brooks	11,446	7,865	1.45
Camrose	54,786	1,460	37.52
Carbon	57,207	15,678	3.64
Castor	43,006	8,243	5.21
Champion	13,203	5,550	2.37
Drumheller	1,458,455	233,239	6.25
Edmonton	477,637	41,434	11.52
Gleichen	25,642	6,200	4.13
Halcourt	3,595	285	12.61
Lethbridge	339,579	74,356	4.56
Magrath	21	10	2.1
Milk River	3,848	1,390	2.76
Pakowki	635	185	3.43
Pembina	66,746	540	123.60
Redcliff	25,837	3,700	6.98
Rochester	1,980	3	660.00
Sexsmith	88	30	2.93
Sheerness	39,205	3,902	10.04
Taber	14,852	2,493	5.96
Tofield	56,485	6,732	8.39
Westock	1,314	.....	.....
Wetaskiwin	2,546	550	4.62
Whitecourt	219	.....	.....
Total	2,713,254	420,745	6.44

SUB-BITUMINOUS COAL FIELD

Coalspur	509,933	107,095	4.76
Pekisko	6,977	4,800	1.45
Pincher	823	225	3.65
Prairie Creek	16,988	4,508	3.76
Saunders	50,732	9,453	5.36
Total	585,453	126,081	4.64

BITUMINOUS COAL FIELD

Cascade	322,202	68,925	4.67
Crowsnest	2,021,155	71,611	28.2
Highwood	700	400	1.75
Mountain Park	985,751	102,460	9.61
Nordegg	341,549	30,000	11.05
Total	3,671,357	273,396	13.4

THE MINES BRANCH

Estimated number of shots fired for blasting coal:

DOMESTIC COAL FIELD

Areas	Electric Deton- ators	Electric Squibs	Fuse	Squibs	Cardox Heaters	Total
Ardley			6,777			6,777
Big Valley	60		1,510			1,570
Brooks			175	3,835		4,010
Camrose	1,286		3,070			4,356
Carbon	480		19,218	500		20,198
Castor			6,236	1,263		7,499
Champion	10		4,916	3,485		8,411
Drumheller	90,663	40,196	82,691		20,570	234,120
Edmonton	23,584	3,791	36,321			63,696
Gleichen			7,695			7,695
Halcourt			1,735			1,735
Lethbridge	43,922	2,463	50	5,830	11,210	63,475
Magrath			20			20
Milk River			1,400	350		1,750
Pakowki			257			257
Pembina	1,000		65			1,065
Redcliff	1,700			1,500		3,200
Rochester			5			5
Sexsmith			40			40
Sheerness		500	2,253			2,753
Taber			480	2,712		3,192
Tofield			2,605			2,605
Wetaskiwin			1,050			1,050
Total	162,705	46,950	178,569	19,475	31,780	439,479

SUB-BITUMINOUS COAL FIELD

Coalspur	39,112		400			39,512
Pekisko	4,100					4,100
Pincher	373					373
Prairie Creek	27,769					27,769
Saunders	4,994	550	3,690			9,234
Total	76,348	550	4,090			80,988

BITUMINOUS COAL FIELD

Cascade	205,200					205,200
Crowsnest	78,302					78,302
Highwood	1,000					1,000
Mountain Park	73,025					73,025
Nordegg	32,700					32,700
Total	390,227					390,227

Number of miss-fire shots recorded in blasting coal in the Province:

DOMESTIC COAL FIELD

Areas	CO ₂ Heaters	Electric Deton- ators	Electric Squibs	Squibs	Fuse	Total
Ardley					30	30
Big Valley					3	3
Camrose					9	9
Carbon					16	16
Castor				4	42	46
Champion					5	5
Drumheller	161	19	29	1	23	233
Edmonton	10				32	42
Gleichen					24	24
Halcourt					2	2
Lethbridge	63			1		64
Milk River					10	10
Redcliff				9		9
Sexsmith					10	10
Sheerness					5	5
Taber				3		3
Tofield					22	22
Total	234	19	29	18	233	533

SUB-BITUMINOUS COAL FIELD

Pekisko		3	1		1	5
Total		3	1		1	5

BITUMINOUS COAL FIELD

Cascade		2				2
Crowsnest		7				7
Mountain Park		4				4
Total		13				13

THE MINES BRANCH

Quantity of Explosives used in pounds for blasting rock in Coal-mines in the Province:

Areas	Names of Explosives												Total		
	Pellets	Polar Monobel No. 4	Polar Monobel No. 6	Polar Monobel No. 14	Dynamite 40%	Stopette 40%	Stopette 60%	Dynamite 60%	CXL-ITE	Stumping Powder	Polar Forcite 30%	Polar Forcite 35%		Polar Forcite 40%	Polar Forcite 60%
Camrose				4											4
Carbon					10		75		2,700						85
Cascade			250	50					310						2,950
Champion															360
Coalspur											450	10,825		22,350	33,625
Crowsnest		154							31,261				19,115		50,530
Drumheller		5,861		442	20	3,125	21,680		1,900						33,028
Edmonton		300							1,750						2,050
Falcon										320					320
Lethbridge		1,519		2,900	3			15,340	8,213						4,422
Mountain Park									400					102,294	125,847
Nordegg															50
Pekisko		50							10						10
Pembina															175
Pincher		175							780						780
Prairie Creek				100											100
Redcliff				2,400											2,460
Saunders	60														150
Taber		132			18										20
Whitecourt	20														
Total	80	8,191	250	5,896	51	3,125	21,755	15,340	47,324	320	450	10,825	19,115	124,644	257,366

Estimated number of shots fired for blasting rock in Coal-mines in the Province:

Areas	Electric Deton- ators	Electric Squibs	Fuse	Delay Action Deton- ators	Total
Camrose	6	.....	.....	.....	6
Carbon .....	.....	.....	226	.....	226
Cascade	5,500	.....	.....	.....	5,500
Champion	140	.....	440	.....	580
Coalspur	4,705	.....	1,116	.....	5,821
Crowsnest	16,010	.....	.....	17,751	33,761
Drumheller	38,585	.....	9,219	.....	47,804
Edmonton	1,250	.....	600	.....	1,850
Halcourt .....	.....	.....	530	.....	530
Lethbridge	8,234	.....	1	.....	8,235
Mountain Park	40,390	.....	.....	3,315	43,705
Nordegg	800	.....	.....	.....	800
Pekisko	3	.....	75	.....	78
Pembina	20	.....	.....	.....	20
Pincher	298	.....	.....	.....	298
Prairie Creek	800	.....	.....	.....	800
Redcliff .....	.....	.....	60	.....	60
Saunders	800	50	210	.....	1,060
Taber	26	.....	166	.....	192
Whitecourt .....	.....	.....	45	.....	45
Total	117,567	50	12,688	21,066	151,371

Number of miss-fire shots recorded in blasting rock in Coal-mines in the Province:

Champion .....	.....	.....	2	.....	2
Crowsnest .....	.....	.....	5	.....	5
Drumheller	1	.....	1	.....	2
Halcourt .....	.....	.....	4	.....	4
Mountain Park	14	.....	.....	.....	14
Pekisko .....	.....	.....	4	.....	4
Redcliff .....	.....	.....	9	.....	9
Total	15	.....	25	.....	40

THE MINES BRANCH

ELECTRICITY

The rules for the installation and use of electricity in or about mines requires a return to be made to the Department on or before January 15th of each year, giving size, type and any other particulars which may be required of electrical apparatus in use above and below ground. According to the return received from the different mines, electricity was used in 71 different mines in 1941. A summary of these returns regarding the horse-power of electrical apparatus in use is given below.

Areas	No. of mines using Electricity	Horse-power of electrical apparatus in use		Total Horse-power
		Above Ground	Below Ground	
Ardley	1	7	60	67
Big Valley	1	33	13	46
Camrose	3	33	11½	44½
Carbon	6	186½	233½	420
Cascade	1	716	175	891
Coalspur	3	390	562½	952½
Crowsnest	5	14,105½	2,125	16,230½
Drumheller	23	3,383	6,248½	9,631½
Edmonton	6	629	997½	1,626½
Gleichen	1	2	3	5
Lethbridge	8	2,110½	1,122	3,232½
Mountain Park	3	2,507½	1,485	3,992½
Nordegg	1	649½	67	716½
Pembina	2	46	70½	116½
Pincher	1	5	.....	5
Prairie Creek	1	15	90	105
Redcliff	2	130	90	220
Saunders	2	116½	183	299½
Taber	1	15	30	45
Total	71	25,080	13,567	38,647

COAL-CUTTING MACHINERY

Areas	No. of machines operated by		Tons of coal mined by	
	Elec-tricity	Com-pressed air	Elec-tricity	Com-pressed air
Ardley	2	.....	4,556	.....
Big Valley	1	.....	800	.....
Carbon	7	.....	47,424	1,620
Cascade .....	.....	4	.....	53,301
Castor .....	.....	1	.....	6,045
Champion .....	.....	4	.....	3,234
Coalspur .....	.....	12	.....	87,862
Crowsnest .....	.....	1	.....	.....
.....	.....	237*	.....	1,025,959
Drumheller	103	.....	1,364,211	.....
Edmonton	15	4	301,206	16,871
Gleichen .....	.....	1	.....	5,781
Lethbridge	24	1	320,094	6
Milk River .....	.....	1	.....	331
Mountain Park .....	.....	5*	.....	3,000
Nordegg .....	.....	8*	350	.....
Pembina	1	.....	3,000	.....
Prairie Creek .....	.....	2	.....	16,098
Redcliff	3	.....	25,339	.....
Saunders .....	.....	9	.....	50,694
Taber	1	4	6,507	4,563
Total	157	295	2,073,487	1,275,365

*Compressed air operated 250 picks.

ACCIDENTS

Year	Output	Accidents			Tons of coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
1906	1,385,000	10	11	20	138,500	125,909	60,250
1907	1,834,745	19	18	68	96,565	101,930	26,981
1908	1,845,000	11	38	13	167,727	48,552	141,923
1909	2,174,329	9	42	18	241,952	51,769	120,796
1910	3,036,757	61a	41	58	49,782	71,067	52,375
1911	1,694,564	7	32	45	242,080	52,955	37,658
1912	3,446,349	21	38	58	164,111	90,693	59,419
1913	4,306,346	28	60	83	152,789	71,772	51,883
1914	3,821,739	209b	44	50	18,286	86,857	76,434
1915	3,434,891	18	33	33	190,827	104,087	104,087
1916	4,638,604	20	51	34	232,430	91,149	136,723
1917	4,863,414	24	62	39	202,642	78,442	124,703
1918	6,148,620	22	60	77	279,483	102,477	79,860
1919	5,022,412	21	56	54	239,162	89,685	93,008
1920	6,908,923	29	53	38	238,733	130,371	181,814
1921	5,937,195	21	64	25	282,721	92,769	237,488
1922	5,976,432	35	38	35	170,755	157,274	170,755
1923	6,866,923	22	44	10	312,133	156,066	686,692
1924	5,203,713	21	42	40	247,796	123,898	130,093
1925	5,883,394	30	59	56	196,113	99,718	105,060
1926	6,508,908	39c	67	119	166,398	97,148	54,696
1927	6,936,780	26	76	115	266,799	91,273	60,320
1928	7,334,179	28	71	122	261,935	103,298	60,166
1929	7,147,250	31	69	98	230,556	103,583	72,931
1930	5,755,911	11	69	97	523,265	83,419	59,339
1931	4,563,309	16	75	73	285,207	60,844	62,511
1932	4,867,984	11	61	96	442,544	79,803	50,708
1933	4,714,784	6	60	109	785,797	78,580	43,255
1934	4,748,848	15	68	70	316,589	69,836	67,840
1935	5,462,973	35d	66	113	156,085	82,772	48,352
1936	5,696,375	11	79	101	517,852	72,106	56,400
1937	5,551,682	20	72	73	277,584	77,107	76,050
1938	5,230,025	21e	72	135	249,049	72,639	38,741
1939	5,518,105	17	57	180	324,594	96,809	30,657
1940	6,205,088	13	79	97	477,314	78,545	63,970
1941	6,970,064	48f	78	142	145,209	89,360	49,084
Total	177,641,615	986	2,005	2,594	180,163	88,599	68,481

a. Including thirty-one deaths caused by the Bellevue Explosion.

b. Including one hundred and eighty-nine deaths caused by the Hillcrest Explosion.

c. Including ten deaths caused by the McGillivray Creek Coal & Coke Co., Ltd. Explosion.

d. Including sixteen deaths caused by the explosion at the Lethbridge Collieries Ltd., at Coalhurst.

e. Including five deaths caused by the explosion at Hinton Collieries Limited.

f. Including four deaths caused by an explosion at North American Collieries, Ltd., Western Crown Mine, and twenty-nine deaths caused by an explosion at Brazeau Collieries, Ltd., Nordegg.

ACCIDENTS DURING 1941, CLASSIFIED ACCORDING TO THE COAL FIELD IN WHICH THEY OCCURRED

Domestic	2,713,254	8	49	68	339,156	55,373	39,901
Sub-Bituminous	585,453	1	1	4	585,453	585,453	146,363
Bituminous	3,671,357	40	28	70	91,784	131,120	52,448

THE MINES BRANCH

Comparison of Accidents per 1,000,000 tons and per 1,000 men employed, 1915-1941:

Year	Tonnage	Total No. of men employed	Fatal Accidents			Serious Accidents			Slight Accidents			Total		
			No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed
1915	3,434,891	6,445	18	5.24	2.79	33	9.63	5.12	33	9.63	5.12	84	24.45	13.03
1916	4,538,604	7,570	20	4.31	2.64	51	10.99	6.74	34	7.33	4.49	105	22.61	13.87
1917	4,863,414	8,310	24	4.93	2.88	62	12.75	7.46	39	8.02	4.69	125	25.91	15.04
1918	6,148,620	8,774	22	3.57	2.51	60	9.95	6.84	77	12.52	7.78	159	25.85	18.12
1919	5,022,412	7,573	21	4.18	2.78	56	11.15	7.58	54	12.75	7.13	131	26.28	17.30
1920	6,908,923	8,688	29	4.20	2.99	53	12.81	6.10	38	5.50	4.37	120	17.37	13.81
1921	5,937,195	10,010	21	3.54	2.10	64	10.78	6.39	23	4.23	2.50	110	18.53	10.99
1922	5,976,432	8,547	35	5.86	4.09	38	6.36	4.45	35	5.86	4.09	108	18.07	12.64
1923	6,866,923	9,827	22	3.19	2.21	44	6.39	4.43	10	1.45	1.00	76	11.07	7.65
1924	5,203,713	7,317	21	4.03	2.86	42	8.07	5.74	40	7.68	5.47	103	19.79	14.35
1925	5,883,394	8,774	30	5.10	3.40	59	10.03	3.42	56	9.52	6.38	145	24.65	16.55
1926	6,508,398	8,763	39c	5.99	4.99	67	10.29	7.65	119	10.33	13.58	225	34.57	23.68
1927	6,936,780	9,016	26	3.75	2.88	76	10.96	8.43	115	16.50	12.71	217	31.28	24.06
1928	7,334,179	9,496	28	3.82	2.96	71	9.68	7.48	122	16.63	12.85	221	30.12	23.27
1929	7,147,250	9,572	31	4.34	3.24	69	9.65	7.21	98	13.71	10.24	198	27.70	20.30
1930	5,755,911	8,889	11	1.91	1.24	69	11.99	7.76	97	17.20	10.90	177	30.75	19.91
1931	4,563,309	8,070	16	3.51	1.98	75	16.44	9.27	73	16.00	9.04	164	35.92	20.32
1932	4,867,984	7,837	11	2.26	1.40	61	12.53	7.78	109	19.72	12.25	168	34.51	21.43
1933	*4,714,784	8,042	6	1.27	.75	60	12.73	7.46	70	20.99	13.55	175	37.12	21.76
1934	*4,748,848	7,863	15	3.14	1.91	68	14.31	8.65	70	14.74	8.90	153	32.21	19.45
1935	*5,462,973	7,824	35d	6.40	4.47	66	12.08	8.44	113	20.68	14.44	214	39.17	27.35
1936	*5,696,375	8,110	11	1.93	1.36	79	13.87	9.74	101	17.73	12.45	191	33.53	23.55
1937	*5,551,683	7,836	20	3.60	2.55	72	12.97	9.19	73	13.15	9.32	165	29.72	21.06
1938	*5,230,025	7,411	21e	4.01	2.83	72	13.76	9.71	135	25.81	18.21	228	43.59	30.76
1939	*5,518,105	7,456	17	3.08	2.27	57	10.33	7.64	180	32.60	24.14	254	46.03	34.06
1940	*6,205,088	7,416	13	2.10	1.76	79	12.73	10.65	97	15.63	13.08	189	30.46	25.48
1941	*6,970,064	7,714	48f	6.89	6.22	78	11.19	10.11	142	20.37	18.41	268	38.73	34.74

c. Including 10 deaths by explosion at McGillivray Creek Coal & Coke Co., Ltd., Coleman.

d. Including 16 deaths by explosion at Lethbridge Collieries Ltd., Coalhurst.

e. Including 5 deaths by explosion at Hinton Collieries Ltd., Hinton.

f. Including 4 deaths by explosion at North American Collieries, Ltd., East Coulee, and 29 deaths by explosion at Brazeau Collieries, Ltd., Nordegg.

*Output does not include coal produced by farmers under permit

Number of tons produced per accident:

DOMESTIC COAL FIELD

Areas	Output	Average No. of men employed	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Ardley	10,916	30	.....	.....	.....	.....
Big Valley	4,006	11	.....	.....	.....	.....
Brooks	11,446	13	.....	11,446	.....	11,446
Camrose	54,786	91	.....	.....	.....	.....
Carbon	57,207	99	.....	.....	.....	.....
Castor	43,006	82	.....	.....	.....	.....
Champion	13,203	36	.....	.....	.....	.....
Drumheller	1,458,455	1,698	208,351	50,292	38,381	19,709
Edmonton	477,637	609	477,637	53,071	53,071	25,138
Gleichen	25,642	71	.....	.....	.....	.....
Halcourt	3,595	14	.....	.....	.....	.....
Lethbridge	339,579	474	.....	42,447	16,170	11,710
Magrath	21	3	.....	.....	.....	.....
Milk River	3,848	11	.....	.....	.....	.....
Pakowki	636	5	.....	.....	.....	.....
Pembina	66,746	65	.....	.....	.....	.....
Redcliff	25,837	39	.....	12,918	.....	12,918
Rochester	1,980	5	.....	.....	.....	.....
Sexsmith	88	9	.....	.....	.....	.....
Sheerness	39,205	29	.....	.....	.....	.....
Taber	14,852	31	.....	.....	.....	.....
Tofield	56,485	47	.....	.....	.....	.....
Westlock	1,314	10	.....	.....	.....	.....
Wetaskiwin	2,546	7	.....	.....	.....	.....
Whitecourt	219	1	.....	.....	.....	.....
Total	2,713,254	3,490	339,157	55,372	39,901	21,706

SUB-BITUMINOUS COAL FIELD

Coalspur	509,933	417	.....	.....	509,933	509,933
Pekisko	6,977	13	.....	.....	.....	.....
Pincher	823	4	.....	.....	.....	.....
Prairie Creek	16,988	129	.....	16,988	16,988	8,494
Saunders	50,732	93	.....	.....	25,366	25,366
Total	585,453	656	.....	585,453	146,363	117,091

BITUMINOUS COAL FIELD

Cascade	322,202	293	.....	80,551	80,551	40,275
Crowsnest	2,021,155	1,903	336,859	183,741	63,161	41,248
Highwood	700	9	.....	.....	.....	.....
Mountain Park	985,751	1,005	197,150	109,528	37,913	24,644
Nordegg	341,549	358	11,777	85,387	42,694	8,330
Total	3,671,357	3,568	91,784	131,120	52,448	26,604

SUMMARY

Domestic	2,713,254	3,490	339,157	55,372	39,901	21,706
Sub-Bituminous	585,453	656	.....	585,453	146,363	117,091
Bituminous	3,671,357	3,568	91,784	131,120	52,448	26,604
Total	6,970,064	7,714	145,210	89,360	49,085	26,008

THE MINES BRANCH

Classification of Accidents according to output of mines which produced during the year 1941:

	Under 1,000 tons	From 1,000 to 5,000 tons	From 5,000 to 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 150,000 tons	From 150,000 to 200,000 tons	From 200,000 to 300,000 tons	Over 300,000 tons	Total
Fatal	1	4	2	11	1	2	1	1	39	48
Serious .....	...	1	...	11	11	15	9	7	21	78
Slight .....	...	1	...	8	31	22	10	8	62	142
Total	1	6	2	19	43	39	20	16	122	268

Tons of coal produced per accident:

	Under 1,000 tons	From 1,000 to 5,000 tons	From 5,000 to 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 150,000 tons	From 150,000 to 200,000 tons	From 200,000 to 300,000 tons	Over 300,000 tons	Total
Fatal	38,186	37,936	679,800	55,800	988,245	366,541	693,003	501,215	79,867	145,210
Serious .....	...	151,745	...	76,725	89,340	48,372	77,000	71,602	148,325	89,360
Slight .....	...	151,745	...	76,725	31,379	33,322	69,300	62,652	50,239	49,085
Total	38,186	25,291	679,800	32,305	22,982	18,797	34,650	31,326	25,531	26,008

FATAL ACCIDENTS

Albert Speed, miner, age 63, on January 10th, at the mine operated by Rosedale Collieries, Ltd., Rosedale, caused by a fall of rock while replacing a bridge stick on 18 entry.

James Shalst, miner, age 49, on February 18th, at the mine operated by Mountain Park Coals, Ltd., Mountain Park, caused by his being struck by a fall of coal and rock, in pillar.

James C. Lohmaier, trapper, age 19, on March 14th, at the mine operated by the Cadomin Coal Co., Ltd., Cadomin, caused by his being struck by the trip while attending a door on the haulage road at No. 2 Panel.

Mike, Prokop, machineman, age 47, on March 18th, at the mine operated by the Rosedale Collieries, Ltd., Rosedale, caused by a fall of rock in 17 entry pillar while he was operating a coal cutter.

Robert Lammie, examiner, age 57, on May 6th, at the mine operated by the Great West Coal Co., Ltd., Clover Bar, caused apparently by his stepping from the locomotive to switch some cars when locomotive started down the grade and jammed him against a roadside timber.

Peressini Gacoma, miner, aged 48, and Zimka Paul, miner, age 22, on June 12th, at the mine operated by West Canadian Collieries, Ltd., Greenhill Mine, Blairmore, caused by an outburst of gas in 27 raise No. 7 Level, asphyxiating both men.

John Watters, examiner, age 39, Chris. Bezenus, electrician, age 49, and Robert Taylor, miner, age 70, on June 24th, at the mine operated by the North American Collieries, Ltd., East Coulee, caused by an explosion of Methane gas where they were working, death being due to carbon monoxide poisoning.

Harry Crowder, mine manager, age 54, on June 24th, at the mine operated by North American Collieries, Ltd., East Coulee, caused by his being overcome by carbon monoxide while attempting to rescue men after an explosion of Methane gas.

William Bevington, miner, age 42, on July 17th, at the mine operated by Luscar Coals, Ltd., Luscar, caused by a cave while working in a new prospect, death being by asphyxiation.

Vince Guriel, miner, age 43, on July 25th, at the mine operated by the West Canadian Collieries, Ltd., Bellevue, caused by his being struck by falling rock from the roof while mining in Room 32 No. 7 Level.

Adelchi D'Appolonia, tippie bell boy, age 17, on July 28th, at the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., Coleman, caused by his being caught between pulley of slack coal belt and frame of building, crushing him.

Frank Sirak, miner, age 52, on August 1st, at the mine operated by the International Coal & Coke Co., Ltd., Coleman, caused by his being struck by a fall of rock from the roof while at work in 21 pillar C.L.S.

Harry Lane, miner, age 43, on August 6th, at the mine operated by the Cadomin Coal Co., Ltd., Cadomin, caused by his falling into the chute while at work in No. 1 main angle, No. 8 panel.

Neil Gilchrist, brakeman, age 43, on August 6th, at the mine operated by the Cadomin Coal Co., Ltd., Cadomin, caused by having his left hand caught in pulley severing four fingers at second joint, death being on August 12th.

John Urichuk, rope rider, age 46, on August 7th, at the mine operated by the Midland Coal Mining Co., Ltd., Drumheller, caused by his being struck on the head by the haulage rope when it slipped off the sheave wheel resulting in fatal injuries.

The following met their death on October 31st, at the mine operated by the Brazeau Collieries, Ltd., Nordegg, caused by an explosion in No. 4 left district of the No. 3 Mine:

John Armstrong, overman, age 47.

Pietro Bifano, miner, age 52.

Joe Bocko, miner, age 39.

John Gojda, miner, age 35.

John Fejer, miner, age 43.

John Golyana, miner, age 57.

George Halas, miner, age 45.

Pietro Meroi, miner, age 53.

William Kempo, miner, age 38.

John Oblok, miner, age 47.
 Nick Omelusik, miner, age 58.
 Anton Posz, miner, age 39.
 Eliasz Pastuszk, miner, age 45.
 John Renchuk, miner, age 49.
 Pete Rezunyk, miner, age 43.
 John Volcko, miner, age 36.
 William Sakson, miner, age 39.
 Frank Zrubak, miner, age 35.
 Victor M. Dibus, miner, age 43.
 Kalman Czotter, track-layer's helper, age 45.
 Rudolph D'Amico, track-layer's helper, age 21.
 Frank Gejdos, track-layer, age 27.
 Raoul Gervais, driver, age 35.
 Raymond Gervais, driver, age 24.
 Palmer H. Hindmarsh, driver, age 22.
 Everitt McLean, driver, age 30.
 Steve Romanon, timberman, age 46.
 Wm. H. Phillips, driver, age 27.
 Harold Mugleston, timberman's helper, age 54.

John Laithwaite, chute repairer, age 42, on November 1st, at the mine operated by International Coal & Coke Co., Ltd., Coleman, caused by his being caught between moving locomotive and the side of roadway at No. 19 chute C Level S. entry, causing instant death.

ACCIDENTS AS THEY OCCURRED BY MONTHS DURING THE YEAR 1941:

Months	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
January .....	.....	1	1	2	1	6	9	16	18
February .....	.....	1	1	2	1	4	7	12	14
March .....	.....	.....	1	1	2	3	8	13	14
April .....	.....	2	.....	2	.....	2	2	4	6
May .....	.....	.....	.....	.....	1	4	7	12	12
June .....	.....	1	.....	1	6	3	5	14	15
July	1	.....	.....	1	2	3	16	21	22
August	1	1	1	3	3	8	15	26	29
September .....	.....	.....	1	1	.....	15	13	28	29
October .....	.....	.....	2	2	29	9	15	53	55
November .....	.....	.....	1	1	1	9	19	29	30
December .....	.....	1	4	5	.....	5	14	19	24
Total	2	7	12	21	46	71	130	247	268

ACCIDENTS OCCURRING IN THE PROVINCE ABOVE AND UNDER GROUND
DURING THE YEAR 1941:

Area	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Haulage		1	2	3	4	26	21	51	54
Fall of rock					5	18	26	49	49
Fall of coal						9	20	29	29
Fall of rock and coal					1	1	3	5	5
Loading coal						2	16	18	18
Loading rock							1	1	1
Timbering						4	13	17	17
Coal-cutting machinery						4	3	7	7
Tipple machinery	1	3	2	6					6
Shot-firing (Cardox)						1	1	2	2
Coupling cars						3	2	5	5
Uncoupling cars			1	1			2	2	3
Ignition of methane							1	1	1
Explosion of firedamp					33			33	33
Asphyxiation					2			2	2
Box cars	1		1	2					2
Spragging cars							2	2	2
Miscellaneous		3	6	9	1	3	19	23	32
Total	2	7	12	21	46	71	130	247	268

Accidents occurring in the Province above and under ground for the year 1941,
classified according to the areas in which they occurred:

DOMESTIC

Area	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Brooks						1		1	1
Drumheller		2	2	4	7	27	36	70	74
Edmonton			2	2	1	9	7	17	19
Lethbridge			1	1		8	20	28	29
Redcliff						2		2	2
Total		2	5	7	8	47	63	118	125

SUB-BITUMINOUS

Area	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Coalspur							1	1	1
Prairie Creek						1	1	2	2
Saunders							2	2	2
Total						1	4	5	5

BITUMINOUS

Area	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Cascade		1		1		3	4	7	8
Crownsnest	1		2	3	3	11	30	46	49
Mountain Park	1	2	3	6	4	7	23	34	40
Nordegg		2	2	4	29	2	6	37	41
Total	2	5	7	14	38	23	63	124	138

Fall of rock and coal in room										1	1
Chute Loading, struck on face by a piece of coal										1	1
Loading Coal, slipped from car bumper while loading from chute										1	1
Loading Coal, wrenched knee while loading coal										1	1
Loading Coal, piece of coal struck his hand										1	1
Loading Coal, bumped against car										1	1
Loading rock, bumped his hand against side of roadway										1	1
Timbering, hand caught between chute and timber										1	1
Timbering, finger jammed between timber and roof										1	1
Timbering, slipped and fell from platform while timbering										1	1
Timbering, struck by falling timber									4	3	7
Timbering, hand caught between timber and car										1	1
Tippie Machinery, got his hand caught between box car and box car loader		1									1
Tippie Machinery, caught between belt pulley and side of building	1										1
Tippie Machinery, foot caught by conveyor			1								1
Tippie Machinery, hand caught by conveyor chain	1										1
Spragging Cars, finger caught against car wheel										2	2
Coupling Cars, hand caught when cars bumped together										1	1
Coupling Cars, slipped and fell between cars										1	1
Uncoupling Cars, slipped off car bumper while uncoupling cars										1	1
Uncoupling Cars, fingers caught when cars came together			1								1
Box Cars, hand caught in rope pulley, death caused by infection	1										1
Asphyxiation by methane gas						2				2	2
Explosion of firedamp						29				29	29
Miscellaneous, slipped and fell					2					5	7
Miscellaneous, timber fell on foot		1								1	1
Miscellaneous, struck on eye by piece of flying rock										1	1
Miscellaneous, struck his hand with axe										1	1
Miscellaneous, struck by falling timber			1								1
Miscellaneous, finger struck by air hammer					1						1
Miscellaneous, struck by timber rolling from timber pile		1			1						1
Miscellaneous, timber fell on foot											1
Miscellaneous, hand caught when lifting car			1		1					1	1
Miscellaneous, left hand was jammed while adjusting catches on cage											1
Miscellaneous, slipped and fell in chute						1					1
Total	2	5	7	14	38	23	63	124	138		

SUMMARY										
	2	5	7	12	21	46	71	130	237	268
Domestic		2	5		7	8	47	63	118	125
Sub-Bituminous				7	14	38	23	63	124	138
Bituminous	2	5								
Total	2	7	12		21	46	71	130	237	268

SUMMARY

[illegible]

THE MINES BRANCH

LIST OF PROSECUTIONS INSTITUTED UNDER THE MINES ACT, FOR THE YEAR ENDING DECEMBER 31, 1941

Mine in which Contravention was Committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Smith & Wright (Illegal)	Mine operator	Did operate a mine without first having received permission from the Chief Inspector of Mines.	Convicted	Fined \$5.00 or 5 days imprisonment	\$ 1.50
Smith & Wright (Illegal)	Mine operator	Did operate a mine without first having received permission from the Chief Inspector of Mines.	Convicted	Fined \$5.00 or 5 days imprisonment	1.50
Smith & Wright (Illegal)	Miner	Working at the coal face as a miner without first having secured a miner's certificate	Convicted	Fined \$1.00 or 3 days imprisonment	1.50
Smith & Wright (Illegal)	Miner	Working at the coal face as a miner without first having secured a miner's certificate	Convicted	Fined \$1.00 or 3 days imprisonment	1.50
Smith & Wright (Illegal)	Miner	Did work at the coal face as a miner without first having secured a miner's certificate	Convicted	Fined \$1.00 or 3 days imprisonment	1.50
Red Hot Coal Co., Ltd.	Miner	Did set an old mine track tie as a roof support in his working place, said tie being footed upon a piece of loose coal instead of being secured securely upon the bottom, thereby committing an act likely to cause danger to himself or anyone else working in the said mine	Convicted	Fined \$10.00 or 14 days imprisonment. Fine and costs paid	4.45
Red Deer Valley Coal Co., Ltd.	Miner	Did drill out the stemming of a shot which had missed-fire, with an auger	Convicted	Fined \$20.00 and costs	1.75
Chester Mine	Miner	Did ride on a mine car without the permission of the overman or manager	Convicted	Fined \$5.00 and costs	2.50
West Canadian Collieries, Ltd. (Greenhill Mine)	Assistant pitboss	Did remove a fence at 146½ off No. 5 level North which had been placed there by a fireboss	Convicted	Fined \$25 and costs or 30 days imprisonment	5.00
West Canadian Collieries, Ltd. (Greenhill Mine)	Trapper	Left ventilation door unattended	Convicted	Fined \$5.00 and costs	5.00
McGillivray Creek Coal & Coke Co., Ltd.	Vice-President and Agent	Employed a male under the age of 17 years at the mine tippie	Convicted	Fined \$100 and costs or 2 months in jail	4.50
McGillivray Creek Coal & Coke Co., Ltd.	Employer or owner	Did not keep in the office at the mine a book in which was entered the name of every person employed	Convicted	Fined \$20.00 and costs	4.50

McGillivray Creek Coal & Coke Co., Ltd.	Mine manager	Did permit a male under the age of 17 years to be about the surface workings of the mine for the purpose of employment	Convicted	Fined \$25.00 and costs or one month in jail	3.00
International Coal & Coke Co., Ltd.	Miner	That he did have on his person whilst employed at the International Mine, one match and two cigarettes	Convicted	Fined \$10.00 and costs or 14 days in jail	4.50
Foothills Collieries, Ltd., The	Miner	That he did not set props as required by the timbering notice posted near the mine mouth	Convicted	Fined \$5.00 and costs	3.75
Foothills Collieries, Ltd., The	Miner	That he did not set props as required by the timbering notice posted near the mine mouth	Convicted	Fined \$5.00 and costs	1.75
Foothills Collieries, Ltd., The	Miner	That he did not set props as required by the timbering notice posted near the mine mouth	Convicted	Fined \$5.00 and costs	1.75
Foothills Collieries, Ltd., The	Miner	That he did not set sufficient timber to safely support the roof and sides	Convicted	Fined \$5.00 and costs	1.75
Mountain Park Coals, Ltd.	Fireboss	That he did make and sign a report of inspection and had not been in the mine to make such inspection	Convicted	One year suspended sentence	....
Mountain Park Coals, Ltd.	Fireboss	That he did while intoxicated unknowingly make out and sign a report of inspection not having made such inspection, thereby doing an act which was likely to cause danger to other persons	Convicted	Fined \$50.00 and costs or one month in prison	3.75
International Coal & Coke Co., Ltd.	Timber packer	Did guide a rope by hand onto sheave wheel whilst same was in motion	Not convicted	....	....
International Coal & Coke Co., Ltd.	Timber packer	Did guide a rope by hand onto sheave wheel whilst same was in motion	Not convicted	....	....

ARDLEY AREA**J. W. Sissons—Mine No. 809**

Mine Office: Alix, Alberta.
 Overman: Clive Sissons.
 Mine Surveyor: R. Hamilton.
 Location of Mine: E. of C.N.R. L.S. 6,
 Sec. 33, Tp. 38, Rge. 25, W. 4th Mer.
 Thickness of Seam: 5 feet. Inclination of
 Seam: Horizontal.
 Form of Opening: Stripping operation.

James Blades—Mine No. 969

Mine Office: Delburne, Alberta.
 Overman: James Blades.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 14, Sec. 10, Tp. 38,
 Rge. 22, W. 4th Mer.
 Thickness of Seam: 3 feet 6 inches. Inclination
 of Seam: Horizontal.
 Form of Opening: Slope. Size of Slope:
 5 feet 6 in. by 6 feet. Length of Slope:
 150 feet.

Alexander J. Johnson—Mine No. 1018

Mine Office: Ardley, Alberta.
 Overman: Alex. J. Johnson.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 3, Sec. 17, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet 6 inches. Inclination
 of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening:
 6 ft. by 7 ft.

Carl B. Kurp—Mine No. 1135

Mine Office: Alix, Alberta.
 Overman: Carl B. Kurp.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4, Sec. 7, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 feet. Inclination of
 Seam: Horizontal.
 Form of Opening: Entry. Size of Entry:
 6 ft. by 6 ft.

J. Lynass—Mine No. 1322

Mine Office: Delburne, Alberta.
 Overman: John Lynass.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 16, Sec. 7, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: 6 feet. Inclination
 of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening:
 6 ft. by 7 ft.

Chas. O. Russell—Mine No. 1488

Mine Office: Alix, Alberta.
 Overman: Chas. O. Russell.
 Mine Surveyor: David Jones.
 Location of Mine: W. $\frac{1}{4}$ L.S. 3, Sec. 29,
 Tp. 38, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet. Inclination of
 Seam: Horizontal.
 Form of Opening: Drift. Size of Drift:
 6 ft. 6 in. by 4 ft. 9 in.

D. L. Gordon—Mine No. 1574

Mine Office: Nevis, Alberta.
 Overman: D. L. Gordon.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 2, Sec. 2, Tp. 39,
 Rge. 22, W. 4th Mer.
 Thickness of Seam: 3 ft. 9 in. Inclination
 of Seam: Horizontal.
 Form of Opening: Tunnel. Size of Tunnel:
 6 ft. by 6 ft.

BIG VALLEY AREA**MacKinnon & Baxter—Mine No. 864**

Mine Office: Big Valley, Alberta.
 Manager: H. G. MacKinnon.
 Fireboss: Robt. Baxter.

Mine Surveyor: David Jones.

Location of Mine: L.S. 16, Sec. 26, Tp. 35,
 Rge. 20, W. 4th Mer.
 Thickness of Seam: 6 feet. Inclination
 of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 8 ft. Length of
 Slope: 100 feet.

James McKinlay & Sons—Mine No. 1189

Mine Office: Huxley, Alberta.
 Overman: James McKinlay.
 Mine Surveyor: David Jones.
 Location of Mine: E. $\frac{1}{2}$ of E. $\frac{1}{2}$ L.S. 13,
 Sec. 3; L.S. 14, Sec. 3, Tp. 34, Rge. 22,
 W. 4th Mer.
 Thickness of Seam: 3 ft. 3 in. Inclination
 of Seam: 1 in. in 100 feet.
 Form of Opening: Drift.
 Size of Drift: 5 ft. by 6 ft. Length of
 Slope: 5 ft.

Robert Campkin—Mine No. 1254

Mine Office: Lousana, Alberta.
 Overman: Robert Campkin.
 Mine Surveyor: David Jones.
 Location of Mine: S.W. $\frac{1}{4}$, L.S. 16, Sec.
 12, Tp. 36, Rge. 22, W. 4th Mer.
 Thickness of Seam: 4 ft. 4 in. Inclination
 of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 6 ft. Length of
 Slope: 112 ft.

Robert Halbert—Mine No. 1376

Mine Office: Perbeck, Alberta.
 Overman: Robert Halbert.
 Mine Surveyor: Alex. Higgins.
 Location of Mine: L.S. 7, Sec. 30, Tp. 34,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 5 ft. Inclination of
 Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 5 ft. Length of
 Slope: 100 feet.

BROOKS AREA**Kleenbirn Collieries, Ltd.—Mine No. 1329**

Authorized Capital: \$250,000.
 Name of President: James Balfour.
 Name of Directors: James Balfour, C. R.
 Westgate, J. G. Westgate.
 Name of Secretary-Treasurer: J. G. West-
 gate.
 Head Office: Eyremore, Alberta.
 Mine Office: Eyremore, Alberta.
 General Manager: J. G. Westgate.
 Mine Surveyor: Gordon L. Kidd.
 Overman: Thos. Holliday.
 Location of Mine: L.S. 3, Sec. 16, Tp. 17,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 5 ft. Inclination of
 Seam: Level.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 6 ft. Length of
 Slope: 336 ft.

Kleenbirn Collieries, Ltd.—Mine No. 1404

Same particulars.
 Stripping operation.
 Location of Mine: L.S. 7, Sec. 15, Tp. 17,
 Rge. 17, W. 4th Mer.

CAMROSE AREA**Joe Proskow—Mine No. 241**

Mine Office: Dinant, Alberta.
 Overman: Joe Proskow.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 3 and 4, Sec. 18,
 Tp. 48, Rge. 19, W. 4th Mer.
 Thickness of Seam: 6 ft. Inclination of
 Seam: Horizontal.
 Form of Opening: Stripping operation.

**Stoney Creek Collieries, Ltd.—
Mine No. 244**

Authorized Capital: \$50,000.
Name of President: D. Twomey, Jr.
Name of Directors: F. L. Farley, E. M. Farley, Alice Twomey, D. Twomey, Jr.
Name of Secretary: F. L. Farley.
Name of Treasurer: D. Twomey, Jr.
Head Office and Mine Office: Camrose, Alberta.
General Manager: D. Twomey, Jr.
Mine Manager: D. O. Roberts.
Mine Surveyor: David Jones.
Location of Mine: L.S. 1, Sec. 33, Tp. 46, Rge. 20, W. 4th Mer.
Thickness of Seam: 4 ft. 6 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6½ ft. by 5½ ft. Length of Slope: 150 ft.

**Canadian Dinant Coal Co., Ltd.—
Mine No. 374**

Authorized Capital: \$23,020.
Name of President: Jessie M. Halbert.
Name of Directors: Jessie M. Halbert, James McGuire.
Name of Secretary: James McGuire.
Head Office: 307 Birks Building, Edmonton, Alberta.
Mine Office: Dinant, Alberta.
General Manager: J. B. Touhey.
Overman: James Moran.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 9, Sec. 12, Tp. 48, Rge. 20, W. 4th Mer.
Thickness of Seam: 5 ft. 6 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 8 ft. by 6 ft. Length of Slope: 150 ft.

L. Strilczuk—Mine No. 610

Mine Office: Ohaton, Alberta.
Overman: L. Strilczuk.
Mine Surveyor: David Jones.
Location of Mine: L.S. 8, Sec. 10, Tp. 48, Range. 18, W. 4th Mer.
Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
Form of Opening: Stripping operation.

Red Flame Coal Co., Ltd.—Mine No. 760

Authorized Capital: \$20,000.
Name of President: John Russell.
Name of Directors: John Russell, Alex. Russell, R. Shortreed.
Name of Secretary: Robert Shortreed.
Head Office and Mine Office: Round Hill, Alberta.
Mine Manager: John Russell.
Overman: Mark Edwards.
Mine Surveyor: David Jones.
Location of Mine: S.W. ¼ L.S. 7, Sec. 30, Tp. 48, Rge. 18, W. 4th Mer.
Thickness of Seam: 6 ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft. by 6 ft. Length of Slope: 110 ft.

Red Flame Coal Co., Ltd.—Mine No. 1420

Same particulars.
Mine Office: Round Hill, Alberta.
Mine Manager: John Russell.
Overman: John Russell.
Mine Surveyor: David Jones.
Location of Mine: L.S. 14, Sec. 19, Tp. 48, Rge. 18, W. 4th Mer.
Thickness of Seam: 6 ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft. by 8 ft. Length of Slope: 220 feet.

Geo. Shute & Partners—Mine No. 1524

Mine Office: Dinant, Alberta.
Overman: Geo. Shute.
Mine Surveyor: David Jones.
Location of Mine: E. ½ Sec. 7, Tp. 48, Rge. 19, W. 4th Mer.
Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
Form of Opening: Stripping operation.

CARBON AREA

Spencer & Dolphin—Mine No. 53

Mine Office: Carbon, Alberta.
Overman: Murray A. Spencer.
Mine Surveyor: David Jones.
Location of Mine: S.W. ¼ L.S. 3, Sec. 14, Tp. 29, Rge. 23, W. 4th Mer.
Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
Form of Opening: Tunnels. Size of Tunnels: 6 ft. by 7 ft.

Albert Trentham—Mine No. 113

Mine Office: Three Hills, Alberta.
Overman: Albert Trentham.
Mine Surveyor: J. R. Whigham-Teasdale.
Location of Mine: L.S. 16, Sec. 26, Tp. 31, Rge. 24, W. 4th Mer.
Thickness of Seam: 4¾ ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 5 ft. by 5 ft. Length of Slope: 220 ft.

**Canadian Dinant Coal Co., Ltd.—
Mine No. 384**

Authorized Capital: \$23,020.
Name of President: Jessie M. Halbert.
Name of Directors: Jessie M. Halbert, Jas. McGuire.
Name of Secretary: James McGuire.
Head Office: 307 Birks Building, Edmonton, Alberta.
Mine Office: Three Hills, Alberta.
General Manager: J. B. Touhey.
Overman: Joseph Thompson.
Mine Surveyor: David Jones.
Location of Mine: L.S. 3, Sec. 36, Tp. 31, Rge. 24, W. 4th Mer.
Thickness of Seam: 5 ft. Inclination of Seam: Dip. 1% S.E.
Form of Opening: Shaft.
Size of Shaft: 12 ft. by 7 ft. 6 in. Depth of Shaft: 160 ft.

James W. Ryning—Mine No. 690

Mine Office: Rowley, Alberta.
Overman: Jas. W. Ryning.
Mine Surveyor: David Jones.
Location of Mine: L.S. 4, Sec. 13, Tp. 32, Rge. 21, W. 4th Mer.
Thickness of Seam: 5 ft. 3 in. Inclination of Seam: 1% N.
Form of Opening: Shaft.
Size of Shaft: 6 ft. by 8 ft. Depth of Shaft: 108 feet.

Hodgson & Son—Mine No. 694

Mine Office: Rowley, Alberta.
Overman: J. R. Hodgson.
Mine Surveyor: David Jones.
Location of Mine: N. ½ L.S. 13, Sec. 12, Tp. 32, Rge. 21, W. 4th Mer.
Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
Form of Opening: Shaft.
Size of Shaft: 5 ft. by 5 ft. Depth of Shaft: 112 ft.

Yard & Son—Mine No. 710

Mine Office: Trochu, Alberta.
Overman: Lloyd G. Yard.
Mine Surveyor: David Jones.

Location of Mine: S.E. $\frac{1}{4}$ L.S. 9, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 ft. Inclination of Seam: Dip 1% N.
 Form of Opening: Drift.
 Size of Drift: 5 ft. by 5 ft.

Peerless Coal Co.—Mine No. 904

Mine Office: Carbon, Alberta.
 Manager: H. R. Brown.
 Mine Surveyor: H. R. Brown.
 Location of Mine: L.S. 7, Sec. 16, Tp. 29, Rge. 23, W. 4th Mer.
 Thickness of Seam: 3 ft. 9 in. to 4 ft.
 Inclination of Seam: Level.
 Form of Opening: Shaft and slope.
 Size of Shaft: 86 ft. by 12 ft. 6 in. Depth of Shaft: 50 ft.
 Size of Slope: 7 ft. by 5 ft. Length of Slope: 300 ft., 13°30'.

Otto Schlender—Mine No. 921

Mine Office: Trochu, Alberta.
 Overman: Otto Schlender.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 15, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift.
 Size of Drift: 7 ft. by 5 ft.

Alfred Fox—Mine No. 1060

Mine Office: Carbon, Alberta.
 Overman: Alfred Fox.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 12 and 13, Sec. 7, Tp. 29, Rge. 22, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift.
 Size of Opening: 6 ft. by 6 ft.

C. C. Campbell—Mine No. 1226

Mine Office: Trochu, Alberta.
 Overman: James Wilkinson.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: W. $\frac{1}{2}$ L.S. 9, Sec. 29, Tp. 33, Rge. 22, W. 4th Mer.
 Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
 Form of Opening: Level Drift.
 Size of Opening: 6 ft. by 7 ft.

Halbert Brothers—Mine No. 1283

Mine Office: Trochu, Alberta.
 Overman: David Halbert.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 8, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 6 ft. Length of Slope: 150 ft.

Balogh Brothers (Arctic Coal Co.)—Mine No. 1359

Mine Office: Carbon, Alberta.
 Overman: Aron Balogh.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 8, Sec. 13, Tp. 29, Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 6 ft. by 8 ft.

Nuttal & Davidson—Mine No. 1499

Mine Office: Three Hills, Alberta.
 Overman: W. W. Davidson.
 Mine Surveyor: J. R. Whigham-Teasdale.
 Location of Mine: L.S. 1, Sec. 9, Tp. 31, Rge. 22, W. 4th Mer.
 Thickness of Seam: 4½ ft. Inclination of Seam: Horizontal.
 Form of Opening: Stripping operation.

J. D. Morel—Mine No. 1538.

Mine Office: Three Hills, Alberta.
 Overman: J. D. Morel.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 10, Sec. 9, Tp. 31, Rge. 22, W. 4th Mer.
 Thickness of Seam: 4½ ft. Inclination of Seam: Horizontal.
 Form of Opening: Stripping operation.

CASCADE AREA

The Canmore Mines, Ltd.—Mine No. 2

Authorized Capital: \$1,000,000.
 Name of President: Edmund Hayes.
 Name of Directors: B. Frank Crane, F. E. Weyerhaeuser, Edmund Hayes, Chas. Shuler, Jr., Arthur C. Smith, W. R. Stewart, R. M. Young.
 Name of Secretary: J. E. A. MacLeod.
 Name of Treasurer: Louis S. Headley.
 Head Office: Canmore, Alberta.
 Mine Office: Canmore Alberta.
 General Manager: R. M. Young.
 Mine Manager: Wm. Musgrove.
 Mine Surveyor: C. S. Dewis.
 Overmen: Jos. Cole and Thos. Rappel.
 Firebosses: W. S. Appleby, J. Brown, M. Carmichael, A. Fox, A. Knudson, A. Kowal, W. P. Lytkowski, W. Monkton, H. Musgrove, V. Mrokwia, Jr., J. Miskow, H. Niskanen, L. Riordan, B. Rogers, J. Wardrop.
 Location of Mine: N.E. $\frac{1}{4}$ L.S. 1, Sec. 29, Tp. 24, Rge. 10, W. 5th Mer.
 Thickness of Seams: Morris Seam, 8 ft.; Stewart Seam, 4 ft.-8 ft.; No. 4 Seam, 10 ft.-11 ft. Inclination of Seams: Average 15 degrees.
 Form of Opening: Slope.
 Size of Slopes: Stewart and Morris, 16 ft. by 8 ft.; No. 4 Seam, 16 ft. by 8 ft.-13 ft.
 Length of Slopes: Stewart and Morris, 700 ft.; No. 4 Seam, 1,500 ft.

Frank Wheatley & Sons—Mine No. 1244

Mine Office: Banff, Alberta.
 Mine Manager: F. M. Wheatley.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 12, Sec. 4, Tp. 26, Rge. 11, W. 5th Mer.
 Thickness of Seam: 9 ft. Inclination of Seam: 35-45 degrees.
 Form of Opening: Tunnel.

CASTOR AREA

John Tyrlik—Mine No. 251.

Mine Office: Heisler, Alberta.
 Mine Surveyor: David Jones.
 Overman: John Tyrlik.
 Location of Mine: S.W. $\frac{1}{4}$ L.S. 16, Sec. 28, Tp. 42, Rge. 17, W. 4th Mer.
 Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
 Form of Opening: Tunnel. Size of Opening: 6 ft. by 7 ft.

E. L. Bignell—Mine No. 289

Mine Office: Gadsby, Alberta.
 Overman: E. L. Bignell.
 Mine Surveyor: David Jones.
 Location of Mine: N.W. $\frac{1}{4}$ L.S. 11, Sec. 28, Tp. 39, Rge. 16, W. 4th Mer.
 Thickness of Seam: 4 to 5 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 6 ft. Length of Slope: 135 ft.

James Chiswick—Mine No. 291

Mine Office: Gadsby, Alberta.
 Mine Surveyor: David Jones.
 Overman: James Chiswick.

Location of Mine: S. $\frac{1}{2}$ L.S. 11, Sec. 28, Tp. 39, Rge. 16, W. 4th Mer.
 Thickness of Seam: $3\frac{1}{2}$ ft. to 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 7 ft. Length of Slope: 75 ft.

A. J. James—Mine No. 447

Mine Office: Forestburg, Alberta.
 Mine Surveyor: David Jones.
 Overman: A. J. James.
 Location of Mine: L.S. 13, Sec. 28, Tp. 40, Rge. 15, W. 4th Mer.
 Thickness of Seam: 7 ft. 6 in. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 5 ft. by 6 ft. Depth of Shaft: 30 ft.

John Sank—Mine No. 615

Mine Office: Heisler, Alberta.
 Mine Surveyor: David Jones.
 Overman: John H. Radford.
 Location of Mine: L.S. 1, Sec. 28, Tp. 42, Rge. 17, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 5 ft. Length of Slope: 57 ft.

E. W. Simmons—Mine No. 666

Mine Office: Forestburg, Alberta.
 Mine Surveyor: David Jones.
 Overman: E. W. Simmons.
 Location of Mine: L.S. 16, Sec. 2, Tp. 41, Rge. 16, W. 4th Mer.
 Thickness of Seam: 4 to 5 ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift.
 Size of Opening: 6 ft. by 7 ft.

O. V. Remillard—Mine No. 902

Mine Office: Castor, Alberta.
 Mine Surveyor: David Jones.
 Overman: O. C. Remillard.
 Location of Mine: L.S. 16, Sec. 33, Tp. 37, Rge. 14, W. 4th Mer.
 Thickness of Seam: 4 to 5 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 6 ft. Length of Slope: 95 ft.

F. G. Meek—Mine No. 911

Mine Office: Heisler, Alberta.
 Mine Surveyor: David Jones.
 Overman: F. G. Meek.
 Location of Mine: L.S. 1, Sec. 33, Tp. 42, Rge. 17, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 6 ft. Length of Slope: 104 ft.

Ben Hronek—Mine No. 913

Mine Office: Halkirk, Alberta.
 Mine Surveyor: David Jones.
 Overman: Ben Hronek.
 Location of Mine: L.S. 1, Sec. 7, Tp. 39, Rge. 15, W. 4th Mer.
 Thickness of Seam: 6 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 6 ft. Length of Slope: 142 ft.

C. H. Hanson—Mine No. 948

Mine Office: Rosalind, Alberta.
 Mine Surveyor: David Jones.
 Overman: Daniel Colonel.
 Location of Mine: L.S. 6, Sec. 8, Tp. 43, Rge. 17, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ ft. Inclination of Seam: Horizontal.

Form of Opening: Slope.
 Size of Slope: 6 ft. by 8 ft. Length of Slope: 100 ft.

Archie Line—Mine No. 953

Mine Office: Forestburg, Alberta.
 Mine Surveyor: David Jones.
 Overman: John Yarham.
 Location of Mine: L.S. 1 and 8, Sec. 32, Tp. 40, Rge. 15, W. 4th Mer.
 Thickness of Seam: 8 ft. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 5 ft. by 5 ft. Depth of Shaft: 34 ft.

J. J. Mills & Sons—Mine No. 1042

Mine Office: Heisler, Alberta.
 Mine Surveyor: David Jones.
 Overman: J. J. Mills.
 Location of Mine: L.S. 8, Sec. 21, Tp. 42, Rge. 17, W. 4th Mer.
 Thickness of Seam: 6 ft. Inclination of Seam: Horizontal.
 Form of Opening: Tunnel level. Size of Opening: 6 ft. by 7 ft.

J. F. Cordel—Mine No. 1046

Mine Office: Halkirk, Alberta.
 Mine Surveyor: David Jones.
 Overman: John Ainsworth.
 Location of Mine: L.S. 6, Sec. 20, Tp. 40, Rge. 15, W. 4th Mer.
 Thickness of Seam: 8 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope. Length of Slope: 125 ft.

Chas. Strader—Mine No. 1062

Mine Office: Halkirk, Alberta.
 Mine Surveyor: David Jones.
 Overman: Chas. Strader.
 Location of Mine: L.S. 4, Sec. 17, Tp. 39, Rge. 15, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{4}$ ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 6 ft. by 8 ft.

Albert Young—Mine No. 1232

Mine Office: Halkirk, Alberta.
 Mine Surveyor: David Jones.
 Overman: Albert Young.
 Location of Mine: N.W. $\frac{1}{4}$ Sec. 25, Tp. 40, Rge. 16, W. 4th Mer.
 Thickness of Seam: 7 ft. Inclination of Seam: Horizontal.
 Form of Opening: Tunnel. Size of Opening: 7 ft. by 7 ft.

William T. Phillips—Mine No. 1240

Mine Office: Castor, Alberta.
 Mine Surveyor: David Jones.
 Overman: Wm. T. Phillips.
 Location of Mine: L.S. 1 and 2, Sec. 4, Tp. 38, Rge. 14, W. 4th Mer.
 Thickness of Seam: 4 ft. 6 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 5 ft. Length of Slope: 150 feet.

Thomas Mitchinson—Mine No. 1248

Mine Office: Donalda, Alberta.
 Mine Surveyor: David Jones.
 Overman: Thomas Mitchinson.
 Location of Mine: L.S. 5, Sec. 29, Tp. 41, Rge. 17, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 6 ft. by 8 ft.

Joseph Haden—Mine No. 1343

Mine Office: Castor, Alberta.
 Mine Surveyor: David Jones.
 Overman: Joseph Haden.

Location of Mine: L.S. 3 and 6, Sec. 3, Tp. 38, Rge. 14, W. 4th Mer.
 Thickness of Seam: 6 ft. Inclination of Seam: Horizontal.
 Form of Opening: Stripping operation.

James Bradley—Mine No. 1349

Mine Office: Foreman, Alberta.
 Mine Surveyor: David Jones.
 Overman: James Bradley.
 Location of Mine: L.S. 16, Sec. 26, Tp. 40, Rge. 16, W. 4th Mer.
 Thickness of Seam: $6\frac{1}{2}$ ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 6 ft. by 8 ft.

Mrs. Dan Shaw—Mine No. 1361

Mine Office: Castor, Alberta.
 Mine Surveyor: David Jones.
 Overman: Thomas Shaw.
 Location of Mine: L.S. 9, Sec. 33, Tp. 37, Rge. 14, W. 4th Mer.
 Thickness of Seam: 4 ft. 4 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 5 ft. Length of Slope: 124 ft.

John Armstrong—Mine No. 1417

Mine Office: Castor, Alberta.
 Mine Surveyor: David Jones.
 Overman: John Armstrong.
 Location of Mine: N. $\frac{1}{2}$ L.S. 6 and 14, Sec. 34, Tp. 37, Rge. 14, W. 4th Mer.
 Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 5 ft. Length of Slope: 120 ft.

Edwin Lien—Mine No. 1435

Mine Office: Edberg, Alberta.
 Mine Surveyor: David Jones.
 Overman: Arthur Mitchinson.
 Location of Mine: S. $\frac{1}{2}$ L.S. 11, Sec. 2, Tp. 44, Rge. 19, W. 4th Mer.
 Thickness of Seam: 4 ft. 8 in. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 5 ft. by 6 ft.

Marshall & Heizs Coal Co.—Mine No. 1441

Mine Office: R. R. No. 1, Donalda, Alberta.
 Mine Surveyor: J. W. Marshall.
 Overman: J. W. Marshall.
 Location of Mine: L.S. 12, Sec. 16, Tp. 42, Rge. 17, W. 4th Mer.
 Thickness of Seam: 10 ft. 10 in. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 7 ft. by 6 ft.

Daniel Colonel—Mine No. 1475

Mine Office: Edberg, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: Daniel Colonel.
 Location of Mine: L.S. 3, Sec. 18, Tp. 44, Rge. 19, W. 4th Mer.
 Thickness of Seam: 3 to 6 ft. Inclination of Seam: Horizontal.
 Form of Opening: Tunnel. Size of Opening: 5 ft. by 6 ft.

F. N. Wiltse—Mine No. 1485

Mine Office: Halkirk, Alberta.
 Mine Surveyor: David Jones.
 Overman: F. N. Wiltse.
 Location of Mine: N. $\frac{1}{2}$ L.S. 9, S. $\frac{1}{2}$ L.S. 16, Sec. 31, Tp. 39, Rge. 15, W. 4th Mer.
 Thickness of Seam: 5 ft. 8 in. Inclination of Seam: Horizontal.
 Form of Opening: Tunnel. Size of Opening: 5 ft. by 6 ft.

Howard C. Muncy—Mine No. 1541

Mine Office: Foreman, Alberta.
 Mine Surveyor: David Jones.
 Overman: H. C. Muncy.
 Location of Mine: L.S. 15, Sec. 26, Tp. 40, Rge. 16, W. 4th Mer.
 Thickness of Seam: 6 ft. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 5 ft. by 5 ft. 6 in. Depth of Shaft: 65 feet.

Williams & Vikse Bros.—Mine No. 1542

Mine Office: Donalda, Alberta.
 Mine Surveyor: David Jones.
 Overman: Tony Larson.
 Location of Mine: L.S. 2, Sec. 33, Tp. 41, Rge. 17, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 5 ft. by 6 ft.

Frank E. Wilkinson—Mine No. 1572

Mine Office: Donalda, Alberta.
 Mine Surveyor: David Jones.
 Overman: N. Fry.
 Location of Mine: L.S. 5, Sec. 28, Tp. 41, Rge. 17, W. 4th Mer.
 Thickness of Seam: 5 ft. 3 in. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Drift: 5 ft. by 5 ft.

Bish Brothers—Mine No. 1578

Mine Office: Forestburg, Alberta.
 Mine Surveyor: David Jones.
 Overman: H. B. Campbell.
 Location of Mine: L.S. 15, Sec. 36, Tp. 40, Rge. 16, W. 4th Mer.
 Thickness of Seam: 7 ft. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 5 ft. by 7 ft. Depth of Shaft: 40 feet.

CHAMPION AREA

George Rhodes—Mine No. 136

Mine Office: Champion, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: George Rhodes.
 Location of Mine: L.S. 7, Sec. 8, Tp. 15, Rge. 22, W. 4th Mer.
 Thickness of Seam: $2\frac{1}{2}$ ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 5 ft. Length of Slope: 165 feet.

Fraser & Sons—Mine No. 758

Mine Office: Carmangay, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: William Fraser.
 Location of Mine: N.W. $\frac{1}{4}$ L.S. 14, Sec. 25, Tp. 14, Rge. 22, W. 4th Mer.
 Thickness of Seam: 2 ft. to $2\frac{1}{2}$ ft. Inclination of Seam: Undulating.
 Form of Opening: Drift.

Mrs. Aline Herbaut—Mine No. 1273

Mine Office: Champion, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: Geo. H. Duquesne.
 Location of Mine: L.S. 14, Sec. 33, Tp. 15, Rge. 23, W. 4th Mer.
 Thickness of Seam: 3 ft. 6 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 5 ft. Length of Slope: 136 ft.

James Henderson—Mine No. 1364

Mine Office: Lomond, Alberta.
 Mine Surveyor: G. L. Kidd.
 Overman: James Henderson.

Location of Mine: S.W. $\frac{1}{4}$ L.S. 3, Sec. 36, Tp. 14, Rge. 22, W. 4th Mer.
 Thickness of Seam: 2 ft. 6 in. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 5 ft. by 6 ft.

A. M. S. McGaw—Mine No. 1509

Mine Office: Champion, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: A. M. S. McGaw.
 Location of Mine: L.S. 16, Sec. 33, Tp. 15, Rge. 23, W. 4th Mer.
 Thickness of Seam: 3 ft. to 3 ft. 4 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 5 ft. Length of Slope: 155 ft.

Mike Propovich—Mine No. 1565

Mine Office: Champion, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: W. E. Watkins.
 Location of Mine: L.S. 9, Sec. 8, Tp. 16, Rge. 23, W. 4th Mer.
 Thickness of Seam: 3 ft. 8 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 6 ft. Length of Slope: 250 ft.

COALSPUR AREA

**The Sterling Collieries Co., Ltd.—
 Mine No. 769**

Authorized Capital: \$1,000,000.
 Name of President: R. H. Munson.
 Name of Directors: C. B. Munson, R. H. Milner, W. F. Stevenson, S. W. Field, F. J. Mitchell.
 Name of Secretary-Treasurer: F. J. Mitchell.
 Head Office: 912 McLeod Building, Edmonton, Alberta.
 Mine Office: Sterco, Alberta.
 General Manager: W. F. Stevenson.
 Mine Surveyor: R. H. Watson.
 Location of Mine: L.S. 12, Sec. 35, Tp. 47, Rge. 20, W. 5th Mer.
 Thickness of Seam: 50 to 120 feet.
 Open pit strip operation.

**The Foothills Collieries, Ltd.—
 Mine No. 771**

Authorized Capital: \$300,000.
 Name of President: A. E. Windatt.
 Name of Directors: E. H. Bennest, Vice-Pres. Hon. S. R. Vereker, F. S. Andrews, H. Wallace.
 Name of Secretary: C. D. Shepard.
 Office of Secretary: 222 Portage Ave., Winnipeg, Man.
 Mine Office: Foothills, Alberta.
 General Manager: A. E. Windatt.
 Asst. General Manager: W. L. Hammett.
 Mine Manager: J. A. McLenhan.
 Mine Surveyor: L. C. Stevens.
 Overman: G. E. Deere.
 Firebosses: J. E. Mitchell, P. Kiernan, E. Griffiths.
 Location of Mine: L.S. 10, Sec. 24, Tp. 47, Rge. 20, W. 5th Mer.
 Thickness of Seam: 9 ft. Inclination of Seam: 20 to 25 degrees.
 Form of Opening: Slope.
 Size of Slope: 10 ft. by 12 ft. Length of Slope: 1,650 ft.

Lakeside Coals, Ltd.—Mine No. 775

Authorized Capital: \$660,000.
 Name of President: E. A. McBain.
 Name of Directors: E. A. McBain, Wm. Foster, W. O. Tudhope, Dr. J. G. Roberts, Walter Ramsay.
 Name of Secretary: E. A. McBain.
 Head Office: 93rd St. and Jasper Ave.,

Edmonton, Alberta.

Mine Office: Robb, Alberta.
 Mine Manager: William Foster.
 Mine Surveyor: William Foster.
 Overman: Dan Jones.
 Firebosses: William Birrell, William Thirlwell, Ed. Bryant, William Harrop.
 Location of Mine: L.S. 3, Sec. 14, Tp. 49, Rge. 21, W. 5th Mer.
 Thickness of Seam: 8 ft. 6 in. Inclination of Seam: 32 degrees.
 Form of Opening: Slope.
 Size of Slope: 8 ft. by 11 ft. Length of Slope: 1,200 ft.

**McLeod River Hard Coal Co. (1941),
 Ltd.—Mine No. 846**

Authorized Capital: 100,000 shares without nominal or par value.
 Name of President: John A. Boyd.
 Name of Directors: J. A. Boyd, H. B. Walker, R. W. Steele, Arthur Cross, George Kidd.
 Name of Secretary: S. V. Isaacson.
 Name of Treasurer: S. V. Isaacson.
 Head Office: Toronto, Ont.
 Mine Office: Mercoal, Alberta.
 General Manager: H. R. Plommer.
 Mine Manager: Harry Wilton-Clark.
 Mine Surveyor: Harry Wilton-Clark.
 Overman: J. A. McLellan.
 Firebosses: E. Fregren, J. Herpshaw, N. Morrison, J. Parry, A. Reynolds.
 Location of Mine: L.S. 5, Sec. 25, Tp. 48, Rge. 22, W. 5th Mer.
 Thickness of Seam: 11 ft. Inclination of Seam: 33 degrees.
 Form of Opening: Slope.
 Size of Slope: 6 ft. 6 in. by 8 ft. Length of Slope: 1,000 ft.

**Coal Valley Mining Co., Ltd.—
 Mine No. 1002**

Authorized Capital: \$1,000,000.
 Name of President: (Mrs.) Annette L. Barry.
 Name of Directors: Mrs. A. L. Barry, P. H. Cote, A. J. McCormack, Hon. A. Blais, M.D., V. H. McIntyre, C. E. Davignon, E. T. Bishop, K.C., Hon. L. M. Gouin, K.C., C. H. Branchaud, Count H. de Liedekerke.
 Name of Secretary-Treasurer: Paul H. Cote.
 Head Office: 705 McLeod Building, Edmonton, Alberta.
 Mine Office: Coal Valley, Alberta.
 General Manager: Mrs. A. L. Barry.
 Mining Engineer and Surveyor: A. A. Fraser.
 Location of Mine: L.S. 16, Sec. 26, Tp. 47, Rge. 20, W. 5th Mer.
 Thickness of Seam: Indefinite.
 Stripping operation.

Thirty-two Collieries, Ltd.—Mine No. 1157

Authorized Capital: \$100,000.00.
 Name of President: B. A. Ogilvie.
 Name of Directors: B. A. Ogilvie, A. M. Matheson, W. E. Gibb.
 Name of Secretary-Treasurer: A. M. Matheson.
 Head Office: 308 Agency Building, Edmonton, Alberta.
 Mine Office: Mile 32, Robb, Alberta.
 General Manager: W. E. Gibb.
 Mine Manager: R. T. Stewart.
 Mine Surveyor: L. C. Stevens.
 Overman: R. T. Stewart.
 Location of Mine: L.S. 11, Sec. 15, Tp. 49, Rge. 21, W. 5th Mer.
 Thickness of Seam: 10 ft. 8 in. Inclination of Seam: 36°40'.
 Form of Opening: Slope.
 Size of Slope: 9 ft. by 12 ft. Length of Slope: 500 ft.

CROWSNEST AREA**West Canadian Collieries, Ltd.—
Mine No. 87**

Authorized Capital: \$3,600,000.
 Name of President: Edouard Rasson.
 Name of Directors: Jules Charbonnier,
 Rt. Hon. Raoul Dandurand, Albert E.
 Whitmore, Hon. Charles Dunning.
 Name of Secretary-Treasurer: J. A.
 Brusset.
 Head Office: 833 Salisbury House, Lon-
 don, E.C. 2, England.
 Mine Office: Bellevue, Alberta.
 General Manager: J. A. Brusset.
 Mine Manager: N. McDonald.
 Mining Engineers or Surveyors: F. W.
 Utley and R. G. Foot.
 Overman: Dan Rees.
 Firebosses: H. Smith, D. Hutton, J.
 Shevels, W. Prescott, S. Richards, J.
 R. McLeod, H. Kaye, K. Wollney, D.
 Morris, I. Hutton, C. Young, G.
 Cousens, A. Grant, A. Emmerson.
 Location of Mine: L.S. 10, Sec. 20, Tp. 7,
 Rge. 3, W. 5th Mer.
 Thickness of Seam: 12 ft. Inclination of
 Seam: 10 to 48 degrees.
 Form of Opening: Adit level.

**International Coal & Coke Co., Ltd.—
Mine No. 88**

Authorized Capital: \$3,000,000.
 Name of President: Lorne A. Campbell.
 Name of Directors: L. A. Campbell, Hugh
 Davidson, H. A. Howard, G. M. War-
 ren, A. F. Short, James Black, W. M.
 Lindsay, A. L. Johanson.
 Name of Secretary: A. F. Short.
 Name of Treasurer: J. Emmerson.
 Head Office: Coleman, Alberta.
 Mine Office: Coleman, Alberta.
 Mine Manager: J. J. McIntyre.
 Mine Surveyor: A. E. Graham.
 Overman: A. J. Brown.
 Firebosses: N. Fleming, J. C. Richards,
 T. Flynn, A. Jones, J. Moore, B. Bond,
 A. Tiberghien, H. Hillary, J. Kellock,
 W. Fraser, Jr., J. Davies, J. Marconi,
 T. Mitchell.
 Location of Mine: L.S. 11, Sec. 8, Tp. 8,
 Rge. 4, W. 5th Mer.
 Thickness of Seam: No. 2 Seam 11 ft., No.
 4 Seam 5 ft. Inclination of Seam: 30
 degrees.
 Form of Opening: Rock tunnel. Size of
 Opening: 6 ft. by 9 ft. Length of
 Slope: 2,400 ft.

**Hillcrest-Mohawk Collieries, Ltd.
Mine No. 133**

Authorized Capital: \$1,250,000.
 Name of President: Frank J. Turville.
 Name of Directors: F. J. Turville, T. M.
 George Montgomery, W. L. Carlyle, F.
 J. Harquail, Eric Richardson.
 Name of Secretary: Frank J. Harquail.
 Name of Joint Treasurers: Eric Richard-
 son and Frank J. Harquail.
 Head Office: 903 Lancaster Building,
 Calgary, Alberta.
 Mine Office: Bellevue, Alberta.
 General Manager: W. L. Carlyle.
 Mine Manager: D. B. Young.
 Mine Surveyor: L. M. Dworkin.
 Overman: J. Ironmonger.
 Firebosses: James Sinclair, Alfred White,
 John Shearer, Terrence Smith, John
 McDade, Richard Clarke, Ernest
 Fisher, John Curry, Dan Kyle, Joe
 Hillary.
 Location of Mine: S.E. ¼ Sec. 21, Tp. 7,
 Rge. 3, W. 5th Mer.
 Thickness of Seam: 10 to 16 ft. Inclina-
 tion of Seam: 10 to 45 degrees.
 Form of Opening: Rock tunnel.

**McGillivray Creek Coal & Coke Co., Ltd.
—Mine No. 204**

Authorized Capital: \$3,000,000.
 Name of President: Lorne A. Campbell.
 Name of Directors: L. A. Campbell, H. A.
 Thoeny, H. A. Howard, G. M. Warren,
 W. M. Lindsay, A. L. Johanson, A. F.
 Short.
 Name of Secretary: A. F. Short.
 Name of Treasurer: S. C. Short.
 Head Office: Coleman, Alberta.
 Mine Office: Coleman, Alberta.
 Vice-President: A. F. Short.
 Mine Manager: L. M. McDonald.
 Overman: H. Hulbert and J. Jackson, Sr.
 Firebosses: E. Allen, A. Beveridge, A.
 Galbraith, W. Hopkins, A. Hughes, I.
 A. James, R. Morris, A. McCulloch,
 T. McGregor, R. Parry, A. Rear, P.
 Smith.
 Location of Mine: S.W. ¼ L.S. 2, Sec. 17,
 Tp. 8, Rge. 4, W. 5th Mer.
 Thickness of Seam: 10 ft. Inclination of
 Seam: 25 degrees.
 Form of Opening: Slope.
 Size of Slope: 7 ft. by 10 ft. Length of
 Slope: 3,800 ft.

**B. A. Wilson (Christie Coal Mine)—
Mine No. 295**

Mine Office: Pincher Creek, Alberta.
 General Manager: M. G. Rhynas.
 Mine Surveyor: M. G. Rhynas.
 Overman: Matt. Wood.
 Location of Mine: L.S. 11, Sec. 10, Tp. 5,
 Rge. 1, W. 5th Mer.
 Thickness of Seam: 7 ft. average. In-
 clination of Seam: 25 to 35 degrees.
 Form of Opening: Rock tunnel. Size of
 Opening: 6 ft. by 8 ft.

**West Canadian Collieries, Ltd.—
Mine No. 396**

Authorized Capital: \$3,600,000.
 Name of President: Edouard Rasson.
 Name of Directors: J. Charbonnier, Rt.
 Hon. Raoul Dandurand, A. E. Whit-
 more, Hon. Charles A. Dunning.
 Name of Secretary-Treasurer: J. A.
 Brusset.
 Head Office: 833 Salisbury House, Lon-
 don, E.C. 2, England.
 Mine Office: Blairmore, Alberta.
 General Manager: J. A. Brusset.
 Mine Manager: Harry Blake.
 Mine Surveyor: Thomas Morgan.
 Overman: Marshall T. Hamilton.
 Firebosses: S. Patterson, W. North, C. C.
 Millar, John McAndrew, Jr., Wm.
 Patterson, Stanley Price, Chas. Cart-
 wright, John Patterson, A. Womersley,
 John Maddison, James Lloyd, R. Dra-
 per, M. Ashacker.
 Location of Mine: L.S. 10, Sec. 2, Tp. 8,
 Rge. 4, W. 5th Mer.
 Thickness of Seam: 5 to 16 ft. Inclina-
 tion of Seam: 40 degrees.
 Form of Opening: Adit level.

Sentinel Coal Company—Mine No. 820

Mine Office: Coleman, Alberta.
 General Manager: W. C. Hoag.
 Mine Manager: A. Van Schoorl.
 Mine Surveyor: H. H. Gardner.
 Location of Mine: L.S. 10, Sec. 34, Tp. 7,
 Rge. 5, W. 5th Mer.
 Thickness of Seam: 7 ft. 6 in. Inclina-
 tion of Seam: 30 degrees.
 Form of Opening: Slope. Length of
 Slope: 130 ft.

DRUMHELLER AREA**Rosedale Collieries, Ltd.—Mine No. 346**

Authorized Capital: 20,000 shares no par
 value.
 Name of President: John R. Brodie.

Name of Directors: J. R. Brodie, B. C. Parker, H. F. Liggins, F. H. Nord, J. F. Harvie.

Name of Secretary-Treasurer: J. Frank Harvie.

Head Office: 909 Lancaster Building, Calgary, Alberta.

Mine Office: Rosedale, Alberta.

General Manager: Thos. O'Donnell.

Mine Manager: William Barclay.

Mine Surveyor: Thos. O'Donnell.

Overman: D. Jones.

Firebosses: T. McDonald, J. Gallagher, W. Hibbert, A. Rappell.

Location of Mine: L.S. 14, Sec. 28, Tp. 28, Rge. 19, W. 4th Mer.

Thickness of Seam: 4 to 5 ft. Inclination of Seam: Horizontal.

Form of Opening: Shaft.

Size of Shaft: 11 ft. by 15 ft. Depth of Shaft: 45 ft.

**Midland Coal Mining Co., Ltd.—
Mine No. 367**

Authorized Capital: \$50,000.

Name of President: Mrs. S. L. McMullen.

Name of Directors: Mrs. S. L. McMullen, G. T. Richards, W. R. Sandercock.

Name of Secretary: S. G. McMullen.

Head Office: Drumheller, Alberta.

Mine Office: Midlandvale, Alberta.

General Manager: G. T. Richards.

Mine Manager: A. G. Macaulay.

Mine Surveyor: A. G. Macaulay.

Overman: J. McCutcheon.

Firebosses: M. Morel, W. B. Henry, H. Looten, J. Oxbury, A. McKinnon, M. Bobrosky, T. Gibson.

Location of Mine: L.S. 10 and 11, Sec. 9, Tp. 29, Rge. 20, W. 4th Mer.

Thickness of Seam: 5 ft. 6 in. Inclination of Seam: Horizontal.

Form of Opening: Shaft.

Size of Shaft: 9 ft. by 19 ft. Depth of Shaft: 135 ft.

**Red Deer Valley Coal Co., Ltd.—
Mine No. 402**

Authorized Capital: \$347,000.

Name of President: Miss Edith Howland.

Name of Directors: Miss Edith Howland, W. S. Howland, H. J. Scott.

Name of Secretary: H. J. Scott.

Head Office: 227a 8th Ave. W., Calgary, Alberta.

Mine Office: Nacmine, Alberta.

General Manager: H. J. Scott.

Mine Manager: Idwal N. Potter.

Mine Surveyor: Gordon L. Kidd.

Overmen: George Lavis, Robert Dunn.

Firebosses: Robert Clack, H. Potter, G. Cumberland, M. Trevethin, J. Young.

Location of Mine: N.E. ¼ Road Allowance, Sec. 7, Tp. 29, Rge. 20, W. 4th Mer.

Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.

Form of Opening: Shaft.

Size of Shaft: 15 ft. by 8 ft. Depth of Shaft: 185 ft.

Commander Coal Company—Mine No. 422

Authorized Capital: \$50,000.

Name of President: Dr. O. H. Patrick.

Name of Directors: Dr. O. H. Patrick, L. Patrick, George Eaton, Mrs. Lulu F. Patrick.

Name of Secretary: L. Patrick.

Mine Office: Drumheller, Alberta.

General Manager: Dr. O. H. Patrick.

Mine Manager: D. Mayoh.

Mine Surveyor: J. R. Whigham-Teasdale.

Firebosses: A. Keith, C. Boughton.

Location of Mine: L.S. 5, Sec. 9, Tp. 29, Rge. 20, W. 4th Mer.

Thickness of Seam: 5 ft. 6 in. Inclination of Seam: Horizontal.

Form of Opening: Shaft.

Size of Shaft: 14 ft. by 8 ft. Depth of Shaft: 150 ft.

Rosedale Collieries, Ltd.—Mine No. 436

Authorized Capital: 20,000 shares of no par value.

Name of President: John R. Brodie.

Name of Directors: J. R. Brodie, B. C. Parker, H. F. Liggins, F. H. Nord, J. F. Harvie.

Name of Secretary-Treasurer: J. Frank Harvie.

Head Office: 909 Lancaster Building, Calgary, Alberta.

Mine Office: Aerial, Alberta.

General Manager: Thos. O'Donnell.

Mine Manager: Thos. O'Donnell.

Mine Surveyor: Thos. O'Donnell.

Overman: Wm. McFegan.

Firebosses: I. Radocy, E. Davies.

Location of Mine: S.E. ¼ L.S. 7, Sec. 28, Tp. 28, Rge. 19, W. 4th Mer.

Thickness of Seam: 5 ft. 6 in. Inclination of Seam: Horizontal.

Form of Opening: Level. Size of Level: 6 ft. by 9 ft.

Newcastle Collieries, Ltd.—Mine No. 620

Authorized Capital: \$300,000.

Name of President: G. N. Coyle.

Name of Vice-President: Wilson Gouge.

Name of Directors: Jesse Gouge, Wilson Gouge, G. N. Coyle.

Name of Secretary-Treasurer: Jesse Gouge.

Head Office: Drumheller, Alberta.

Mine Office: Drumheller, Alberta.

General Manager: Wilson Gouge.

Mine Manager: A. Hamilton.

Mine Surveyor: A. Hamilton.

Overman: J. Conlin.

Firebosses: A. Burrell, W. Kay, N. Blackett, R. Dunn, A. Armstrong.

Location of Mine: N.W. ¼ Sec. 3, Tp. 29, Rge. 20, W. 4th Mer.

Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.

Form of Opening: Shaft.

Size of Shaft: 9 ft. by 16 ft. Depth of Shaft: 120 ft.

Comet Coal Co., Ltd.—Mine No. 675

Authorized Capital: \$20,000.

Name of President: James K. Vallance.

Name of Directors: J. K. Vallance, C. C. Christian.

Name of Secretary: C. C. Christian.

Head Office: Drumheller, Alberta.

Mine Office: East Coulee, Alberta.

General Manager: J. K. Vallance.

Overman: Wm. Sarsfield.

Mine Surveyor: Gordon L. Kidd.

Location of Mine: L.S. 12, Sec. 28, Tp. 27, Rge. 18, W. 4th Mer.

Thickness of Seam: 6 ft. 5 in. Inclination of Seam: Horizontal.

Form of Opening: Drift. Size of Opening: 6 ft. by 14 ft.

Maple Leaf Minerals, Ltd.—Mine No. 728

Authorized Capital: \$500,000.

Name of President: Wilson Gouge.

Name of Directors: Wilson Gouge, Jesse Gouge, Helen Gibson.

Name of Secretary-Treasurer: Jesse Gouge.

Head Office: Drumheller, Alberta.

Mine Office: East Coulee, Alberta.

General Manager: Jesse Gouge.

Mine Manager: Robert Tennant.

Overman: Andrew Thomson.

Mine Surveyor: Allan Hamilton.

Firebosses: Robert Raisbeck, Robt. Stevenson, M. Rebar.

Location of Mine: L.S. 13, Sec. 32, Tp. 27, Rge. 18, W. 4th Mer.

Thickness of Seam: 5 ft. 6 in. Inclination of Seam: Horizontal.
Form of Opening: Drift. Size of Opening: 6 ft. by 12 ft.

Ben Pickering—Mine No. 764

Mine Office: Beynon, Alberta.
Mine Surveyor: Gordon L. Kidd.
Overman: Ben Pickering.
Location of Mine: W. $\frac{1}{2}$ L.S. 2, L.S. 3, Sec. 6, Tp. 28, Rge. 20, W. 4th Mer.
Thickness of Seam: 3 ft. 4 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 5 ft. by 6 ft. Length of Slope: 30 ft.

Ernest Denio—Mine No. 815

Mine Office: Drumheller, Alberta.
Mine Surveyor: Gordon L. Kidd.
Overman: E. Denio.
Location of Mine: L.S. 13, Sec. 33, Tp. 27, Rge. 21, W. 4th Mer.
Thickness of Seam: 3 ft. 7 in. Inclination of Seam: Horizontal.
Form of Opening: Tunnel. Length of Slope: 30 ft.

Ideal Coal Co., Ltd.—Mine No. 844

Authorized Capital: \$150,000.
Name of President: Thomas M. McGuckie.
Name of Director: Thomas M. McGuckie.
Name of Secretary-Treasurer: Mrs. E. Bandel.
Head Office: Wayne, Alberta.
Mine Office: Wayne, Alberta.
Mine Manager: Thos. M. McGuckie.
Mine Surveyor: Duncan McDonald.
Location of Mine: L.S. 16, Sec. 1, Tp. 28, Rge. 20, W. 4th Mer.
Thickness of Seam: 5 ft. 5 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 8 ft. by 14 ft. Length of Slope: 160 ft.

Allen & Sproy—Mine No. 1117

Mine Office: Beynon, Alberta.
Overman: Wm. Allen.
Mine Surveyor: Gordon L. Kidd.
Location of Mine: L.S. 3, Sec. 6, Tp. 28, Rge. 20, W. 4th Mer.
Thickness of Seam: 3 ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft. Length of Slope: 100 ft.

John Hamilton—Mine No. 1214

Mine Office: Delia, Alberta.
Mine Surveyor: J. R. Whigham-Teasdale.
Overman: John Hamilton.
Location of Mine: S.E. $\frac{1}{4}$ L.S. 15, Sec. 23, Tp. 28, Rge. 18, W. 4th Mer.
Thickness of Seam: 3 ft. 6 in. Inclination of Seam: Horizontal.
Form of Opening: Level from side of coulee.

Brilliant Coal Company—Mine No. 1258

Mine Office: Drumheller, Alberta.
Name of Secretary: G. H. Chambers.
Mine Manager: Joseph Sandino.
Overman: J. Saunt.
Mine Surveyor: Gordon L. Kidd.
Firebosses: A. Kluzza, J. Zambo.
Location of Mine: L.S. 14, Sec. 10, Tp. 29, Rge. 20, W. 4th Mer.
Thickness of Seam: 6 ft. Inclination of Seam: Horizontal.
Form of Opening: Shaft and Slope.
Size of Shaft, 8 ft. by 8 ft. by 12 ft.; Depth of Shaft, 120 feet. Size of Slope, 6 ft. by 9 ft.; Length of Slope, 425 ft.

Empire Collieries, Ltd.—Mine No. 1279

Authorized Capital: \$50,000.
Name of President: J. W. Moyer.
Name of Directors: J. W. Moyer, M. B. Peacock, E. A. Dunbar, B. K. Bullock, O. G. McNabb.
Name of Secretary-Treasurer: O. G. McNabb.

Head Office: 506 Lancaster Building, Calgary, Alberta.

Mine Office: Willow Creek, Alberta.
General Manager: J. W. Moyer.
Mine Manager: Alex. Crawford.
Mine Surveyor: L. C. Stevens.
Overman: Wm. McDonald.
Firebosses: H. Roberts and Alfred Wolff.
Location of Mine: L.S. 6 and 7, Sec. 7, Tp. 28, Rge. 18, W. 4th Mer.
Thickness of Seam: 3 ft. 4 in. Inclination of Seam: Horizontal.
Form of Opening: Adit 5½ ft. by 10 ft.

Empire Collieries, Ltd.—Mine No. 1299

Mine Office: East Coulee, Alberta.
General Manager: J. W. Moyer.
Mine Manager: Russell Richards.
Mine Surveyor: Russell Richards.
Overman: P. Barclay.
Firebosses: E. Marsh and W. Kay.
Location of Mine: L.S. 2, Sec. 32, Tp. 27, Rge. 18, W. 4th Mer.
Thickness of Seam: 5½ ft. Inclination of Seam: Horizontal.
Form of Opening: Adit 5½ ft. by 10 ft.

Hy-Grade Coal Mining Co., Ltd.—Mine No. 1421

Authorized Capital: \$100,000.
Name of President: W. B. Doyle.
Name of Directors: W. B. Doyle, Robt. McKay, D. A. Macaulay, F. J. Whitlock.
Name of Secretary-Treasurer: F. J. Whitlock.

Mine Office: Drumheller, Alberta.
General Manager: W. B. Doyle.
Mine Manager: D. A. Macaulay.
Mine Surveyor: D. A. Macaulay.
Overman: P. J. Murphy.
Firebosses: W. Mackie, W. Menzies, R. Forshaw, J. Taylor, E. Thomas.
Location of Mine: L.S. 13, Sec. 11, Tp. 29, Rge. 20, W. 4th Mer.
Thickness of Seam: 4 to 5 ft. Inclination of Seam: Undulating.
Form of Opening: Shaft.
Size of Shaft: 9 ft. by 15 ft. Depth of Shaft: 88 ft.

The Monarch Coal Mining Co., Ltd.—Mine No. 1473

Authorized Capital: \$70,000.
Name of President: E. A. Lovett.
Name of Directors: E. A. Lovett, P. R. Shields, T. C. Boyd.
Name of Secretary-Treasurer: E. B. Gibb.
Head Office: Wells Block, 405 8th Ave. W., Calgary, Alberta.

Mine Office: Drumheller, Alberta.
General Manager: W. Wilson.
Mine Manager: A. Wilson.
Mine Surveyor: W. Wilson.
Overman: J. Barrie.
Firebosses: G. Anderson, H. Darbyshire and M. Stevenson.
Location of Mine: L.S. 7, Sec. 8, Tp. 29, Rge. 20, W. 4th Mer.
Thickness of Seam: 5 ft. 8 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft. by 9 ft. Length of Slope: 600 ft.

Regal Coal Co., Ltd.—Mine No. 1484

Authorized Capital: \$50,000.
Name of President: Dr. O. H. Patrick.
Name of Directors: Dr. O. H. Patrick, L.

Patrick, Geo. Eaton, Mrs. L. F. Patrick.
Name of Secretary: L. Patrick.
Head Office: 808 Lancaster Building, Calgary, Alberta.

Mine Office: East Coulee, Alberta.
General Manager: Dr. O. H. Patrick.
Mine Manager: William Morris.
Mine Surveyor: J. R. Whigham-Teasdale.
Overman: James Quin.
Firebosses: A. B. Raisbeck, J. Raisbeck,
A. Andrew, R. Chalmers, E. Reissig, J. Bachynski.

Location of Mine: N.W. $\frac{1}{4}$ L.S. 13, Sec. 21, Tp. 27, Rge. 18, W. 4th Mer.
Thickness of Seam: 5 ft. 6 in. Inclination of Seam: Horizontal.
Form of Opening: Level entry. Size of Opening: 7 ft. by 16 ft.

Murray Collieries, Ltd.—Mine No. 1491

Authorized Capital: \$100,000.
Name of President: H. K. Reed.
Name of Directors: H. K. Reed, H. H. McVeigh.

Name of Secretary-Treasurer: H. K. Reed.
Head Office: Drumheller, Alberta.
Mine Office: East Coulee, Alberta.
General Manager: H. H. McVeigh.
Mine Manager: Duncan McDonald.
Mine Surveyor: Gordon L. Kidd.
Overman: George Nicol.

Firebosses: J. Cotterill, Robert Steven, Alfred James, R. Bradshaw, Martin Stanko.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 29, Tp. 27, Rge. 18, W. 4th Mer.
Thickness of Seam: 5 ft. 2 in. Inclination of Seam: Horizontal.
Form of Opening: Tunnel. Size of Tunnel: 16 ft. by 7 ft.

Western Gem & Jewel Collieries, Ltd.—Mine No. 1493

Authorized Capital: \$750,000.
Name of President: W. S. Henderson.
Name of Directors: J. D. Henderson, Stewart Robertson, W. P. Gamble, W. B. Cromarty, C. C. Cook.
Name of Secretary-Treasurer: J. D. Henderson.

Head Office: 227 8th Ave. W., Calgary, Alberta.
Mine Office: Rosedale Station, Alberta.
General Manager: C. C. Cook.
Mine Manager: Henry Miller.
Mine Surveyor: J. R. Whigham-Teasdale.
Overman: F. Scarpino.
Firebosses: K. Klatt, T. Coxon, T. Gordon, J. Redpath.

Location of Mine: N.W. $\frac{1}{4}$ L.S. 6, Sec. 15, Tp. 28, Rge. 19, W. 4th Mer.
Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
Form of Opening: Drift. Size of Opening: 7 ft. by 10 ft.

Aetna Coal Company—Mine No. 1511

Head Office: East Coulee, Alberta.
Mine Office: Rosedale Ferry, Alberta.
Mine Surveyor: J. R. Whigham-Teasdale.
Mine Manager: P. M. Ramsay.
Overman: John Blair.
Location of Mine: L.S. 1, Sec. 22, Tp. 28, Rge. 19, W. 4th Mer.
Thickness of Seam: 7 ft. Inclination of Seam: Horizontal.
Form of Opening: Drift. Size of Opening: 6 ft. by 9 ft.

E. B. Foye—Mine No. 1515

Mine Office: Willow Creek, Alberta.
Overman: E. B. Foye.
Mine Surveyor: J. R. Whigham-Teasdale.
Location of Mine: L.S. 10, Sec. 22, Tp. 28, Rge. 18, W. 4th Mer.
Thickness of Seam: $3\frac{1}{2}$ ft. Inclination of Seam: Horizontal.

Form of Opening: Slope.
Size of Slope: 5 ft by 6 ft. Length of Slope: 100 ft.

The Minute Coal Co.—Mine No. 1520

Name of Secretary-Treasurer: J. A. McKenzie.

Mine Office: Drumheller, Alberta.
General Manager: J. A. McKenzie.
Mine Surveyor: A. G. Macaulay.
Overman: B. T. Brooks.

Location of Mine: L.S. 7, Sec. 14, Tp. 29, Rge. 20, W. 4th Mer.
Thickness of Seam: 5 ft. 6 in. Inclination of Seam: Horizontal.
Form of Opening: Tunnel. Size of Tunnel: 5 ft. by 6 ft.

The Monarch Coal Mining Co., Ltd.—Mine No. 1573

Authorized Capital: \$70,000.
Name of President: E. A. Lovett.
Name of Directors: E. A. Lovett, P. R. Shields, T. C. Boyd.

Name of Secretary-Treasurer: E. B. Gibb.
Head Office: Wells Block, 405 8th Ave. W. Calgary, Alberta.
Mine Office: Drumheller, Alberta.
General Manager: E. A. Lovett.
Mine Overman: A. Hooks.

Mine Surveyor: J. R. Whigham-Teasdale.
Firebosses: E. Thomas, R. Cowan, I. Folden, P. Hutchison.
Location of Mine: L.S. 1, Sec. 20, Tp. 27, Rge. 18, W. 4th Mer.
Thickness of Seam: 5 ft. 6 in. to 6 ft. Inclination of Seam: Horizontal.
Form of Opening: Drift. Size of Drift: 6 ft. by 9 ft.

EDMONTON AREA

White Star Coal Mine (Smith & Muraca)—Mine No. 29

Head Office: 10806 84th Ave., Edmonton, Alberta.
Mine Office: South Edmonton, Alberta.
Overman: Evan Richards.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
Thickness of Seam: $4\frac{1}{2}$ to $5\frac{1}{2}$ ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 5 ft. by 7 ft. Length of Slope: 100 ft.

Ottewell Coal Company—Mine No. 91

Authorized Capital: \$25,000.
Head Office: Clover Bar, Alberta.
General Manager: W. J. Ottewell.
Mine Surveyor: L. C. Stevens.
Overman: Sam Finlay.
Location of Mine: S.W. $\frac{1}{4}$ L. S. 4, Sec. 17, Tp. 53, Rge. 23, W. 4th Mer.
Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
Form of Opening: Shaft.
Size of Shaft: 7 ft. by 8 ft. Depth of Shaft: 55 ft.

The Great West Coal Co., Ltd.—Mine No. 99

Authorized Capital: \$150,000.
Name of President: James C. Dunn.
Name of Directors: James C. Dunn, W. S. Cupples, A. C. Dunn.
Name of Secretary-Treasurer: Thomas S. Campbell.
Head Office: 10117 100A St., Edmonton, Alberta.
Mine Office: Clover Bar, Alberta.
Mine Manager: Robert Dalziel.
Mine Surveyor: A. C. Dunn.
Overman: D. R. Thomas.

Firebosses: R. McAndrew, J. Chalmers, A. Johnstone, W. Dalziel, J. D. Thomson.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 10, Sec. 7, Tp. 53, Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 to 7 ft. Inclination of Seam: Horizontal.
 Form of Opening: Two shafts and two slopes.
 Size of Main Slope: 6 ft. by 10 ft.
 Length of Slope: 456 ft.

**Alberta Coal Mine (Levi Parker)—
 Mine No. 129**

Mine Office: Cardiff, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: L. Parker.
 Fireboss: J. Camarta.
 Location of Mine: L.S. 16, Sec. 23, Tp. 55, Rge. 25, W. 4th Mer.
 Thickness of Seam: 7 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 7 ft. by 7 ft. Length of Slope: 150 ft.

Dawson Coal, Ltd.—Mine No. 155

Authorized Capital: \$20,000.
 Name of President: C. A. Hyndman.
 Name of Directors: C. A. Hyndman, G. O. Norris.
 Name of Secretary: G. O. Norris.
 Name of Treasurer: C. A. Hyndman.
 Head Office: McDougall Court, Edmonton, Alberta.
 Mine Office: River Lot 25, Edmonton, Alberta.
 General Manager: C. A. Hyndman.
 Mine Manager: Ronald H. Watson.
 Mine Surveyor: L. C. Stevens.
 Overman: David Muir.
 Fireboss: T. Hunter.
 Location of Mine: River Lot 25, Rifle Range, Edmonton, Alberta.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 6 ft. by 14 ft. Depth of Shaft: 114 ft.

**Legal Coal Mine Co. (F. Chiarello)
 —Mine No. 351**

Mine Office: Legal, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: Frank Chiarello.
 Location of Mine: S.W. $\frac{1}{4}$ Sec. 25, Tp. 57, Rge. 25, W. 4th Mer.
 Thickness of Seam: 5½ to 6 ft. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 6 ft. by 8 ft. Depth of Shaft: 28 ft.

Banner Coals, Ltd.—Mine No. 428

Authorized Capital: \$20,000.
 Name of President: J. B. Starky.
 Name of Directors: Simone Starky, E. A. Mills.
 Name of Secretary: Ethel Mills.
 Head Office: 10631 92nd St., Edmonton, Alberta.
 Mine Office: Carbondale, Alberta.
 General Manager: J. B. Starky.
 Mine Manager: N. Howells.
 Mine Surveyor: L. C. Stevens.
 Overman: J. Clyne, Sr.
 Firebosses: J. Clyne, Jr., and N. Nelson.
 Location of Mine: L.S. 10, Sec. 8, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: 5 ft. 3 in. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 16 ft. by 8 ft. Depth of Shaft: 176 ft.

Bush Mines, Ltd.—Mine No. 707

Authorized Capital: \$40,000.
 Name of President: J. B. Harper.
 Name of Directors: C. E. Laderoute, H. S. Southgate.
 Name of Secretary-Treasurer: H. S. Southgate.
 Head Office: 108 Agency Building, Edmonton, Alberta.
 Mine Office: Beverly, Alberta.
 General Manager: H. S. Southgate.
 Mine Manager: E. Sparrow.
 Mine Surveyor: L. C. Stevens.
 Overman: E. Sparrow.
 Firebosses: A. Brown, E. Simpson, D. Watson.
 Location of Mine: River Lot 40, Edmonton Settlement.
 Thickness of Seam: 5 ft. 4 in. to 5 ft. 10 in. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 7 ft. by 18 ft. Depth of Shaft: 150 ft.

Dickinson & Knight—Mine No. 753

Mine Office: Carbondale, Alberta.
 Mine Surveyor: David Jones.
 Overman: A. McGregor.
 Location of Mine: L.S. 14, Sec. 8, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: 4 ft. 8 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5½ ft. by 8 ft. Length of Slope: 150 feet.

**J. J. Williams (Black Point Mine)
 —Mine No. 1034**

Mine Office: Edmonton South, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: J. J. Williams.
 Location of Mine: L.S. 6, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 4 ft. 6 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 7 ft. by 6 ft. Length of Slope: 200 ft.

Long Coal Co., Ltd.—Mine No. 1098

Name of President: Mike L. Vitaly.
 Name of Director: Mrs. M. L. Vitaly.
 Name of Secretary: M. L. Vitaly.
 Head Office: 10414 95th St., Edmonton, Alberta.
 Mine Office: Namao, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: M. L. Vitaly.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 4, Sec. 31, Tp. 54, Rge. 24, W. 4th Mer.
 Thickness of Seam: 5 ft. 5 in. to 7 ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 6 ft. by 8 ft.

Booth Bros.—Mine No. 1167

Authorized Capital: \$500.00.
 Name of Secretary: Mrs. H. Booth.
 Mine Office: Beverly P.O., Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: H. Booth.
 Location of Mine: N.W. $\frac{1}{4}$ L.S. 1, Sec. 18, Tp. 53, Rge. 23, W. 4th Mer.
 Thickness of Seam: 3 ft. 7 in. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Drift: 6 ft. by 6 ft.

**Mike Sinoski (Blue Point Mine)—
 Mine No. 1233**

Authorized Capital: \$4,000.
 Name of Secretary-Treasurer: Mike Sinoski.
 Head Office: Box 4042, Edmonton South, Alberta.
 Mine Surveyor: L. C. Stevens.

Overman: Steve Sinoski.
Location of Mine: L.S. 5, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
Thickness of Seam: 4 ft. to 5½ ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft. by 6 ft. Length of Slope: 72 ft.

Edmonton Collieries, Ltd.—Mine No. 1266

Authorized Capital: \$20,000.
Name of President: William G. MacKay.
Name of Directors: W. C. MacKay, W. G. MacKay, C. C. Down, H. W. Layton.
Name of Secretary-Treasurer: H. W. Layton.
Head Office: 10055 101st St., Edmonton, Alberta.
Mine Office: Namaso, Alberta.
General Manager: W. C. MacKay.
Mine Surveyor: L. C. Stevens.
Overman: James Thomson.
Location of Mine: L.S. 14, Sec. 36, Tp. 54, Rge. 25, W. 4th Mer.
Thickness of Seam: 7 ft. 4 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft. 6 in. by 7 ft. Length of Slope: 150 ft.

Ellerslie Collieries—Mine No. 1297

Mine Office: R.R. No. 3, Edmonton South, Alberta.
Mine Surveyor: L. C. Stevens.
Overman: J. Hutton.
Location of Mine: L.S. 1, Sec. 26, Tp. 51, Rge. 25, W. 4th Mer.
Thickness of Seam: 4½ ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft. by 8 ft. Length of Slope: 200 ft.

Samis Collieries—Mine No. 1316

Name of Secretary: Mrs. O. L. Samis.
Name of Treasurer: Kenneth E. Samis.
Mine Office: Namaso, Alberta.
General Manager: Kenneth E. Samis.
Mine Surveyor: L. C. Stevens.
Overman: Elmer Fawcett.
Location of Mine: L.S. 6, Sec. 36, Tp. 54, Rge. 25, W. 4th Mer.
Thickness of Seam: 7 ft. 6 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft. by 5½ ft. Length of Slope: 80 ft.

Twin City Coal Co., Ltd.—Mine No. 1352

Mine Office: Edmonton South, Alberta.
Name of Mine Manager: B. Nugent.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 8, Sec. 26, Tp. 51, Rge. 25, W. 4th Mer.
Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
Form of Opening: Shaft.
Size of Shaft: 6 ft. by 6 ft. Depth of Shaft: 110 ft.

Red Hot Coal Co., Ltd.—Mine No. 1357

Authorized Capital: \$23,000.
Name of President: W. Fridel.
Name of Secretary-Treasurer: J. Lang.
Mine Office: Forest Heights, Edmonton, Alberta.
Mine Surveyor: L. C. Stevens.
Overman: John Thomson.
Fireboss: C. Crawford.
Location of Mine: River Lot 33, Edmonton Settlement.
Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6½ ft. by 6 ft. Length of Slope: 180 ft.

Beverly Coal Co., Ltd.—Mine No. 1366

Authorized Capital: \$100,000.
Name of President: E. I. Clarke.
Name of Directors: E. I. Clarke, E. I. Clarke, Jr., Mrs. E. I. Clarke.
Name of Secretary: E. I. Clarke, Jr.
Name of Treasurer: E. I. Clarke.
Mine Office: Beverly, Alberta.
General Manager: E. I. Clarke.
Mine Manager: Thomas Brown.
Mine Surveyor: L. C. Stevens.
Overman: J. F. Brown.
Fireboss: L. A. Williams.
Location of Mine: L.S. 6, Sec. 13, Tp. 53, Rge. 24, W. 4th Mer.
Thickness of Seam: 4 ft. 4 in. Inclination of Seam: Horizontal.
Form of Opening: Rectangular shaft.
Size of Shaft: 8 ft. by 14 ft. Depth of Shaft: 160 ft.

Ottewell Coal Company—Mine No. 1393

Authorized Capital: \$25,000.
Head Office: Clover Bar, Alberta.
General Manager: W. J. Ottewell.
Mine Surveyor: L. C. Stevens.
Overman: Cedric Ottewell.
Location of Mine: Block X, N.E. ¼ Sec. 36, Tp. 52, Rge. 24, W. 4th Mer.
Thickness of Seam: 4 ft. 6 in. Inclination of Seam: Horizontal.
Form of Opening: Shaft.
Size of Shaft: 8 ft. by 9 ft. Depth of Shaft: 85 ft.

Pine Creek Coal Co. (Klapstein and Opalinski)—Mine No. 1419

Authorized Capital: \$10,000.
Mine Office: R.R. No. 3, Edmonton South, Alberta.
General Manager: R. Klapstein.
Mine Manager: Steve Fridel.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 4, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
Thickness of Seam: 4 ft. 6 in. Inclination of Seam: Horizontal.
Form of Opening: Shaft.
Size of Shaft: 7 ft. by 7 ft. Depth of Shaft: 94 ft.

Kent Coal Co., Ltd.—Mine No. 1427

Authorized Capital: \$20,000.
Name of President: J. B. Starky.
Name of Directors: E. A. Mills and Simone Starky.
Name of Secretary: E. A. Mills.
Head Office: 10631 92nd St., Edmonton, Alberta.
Mine Office: Cooking Lake Trail, Edmonton South, Alberta.
General Manager: J. B. Starky.
Mine Manager: W. T. Worthington.
Mine Surveyor: L. C. Stevens.
Overman: M. McLean.
Firebosses: J. Reed and Sam Kendrick.
Location of Mine: L.S. 4, Sec. 30, Tp. 52, Rge. 23, W. 4th Mer.
Thickness of Seam: 3 ft. 9 in. Inclination of Seam: Horizontal.
Form of Opening: Shaft.
Size of Shaft: 12 ft. by 8 ft. Depth of Shaft: 168 ft.

Riverdale Coal Co., Ltd.—Mine No. 1463

Authorized Capital: \$10,000.00.
Name of President: John Mather.
Name of Directors: John Mather, Ann Mather.
Name of Secretary-Treasurer: Ann Mather.
Head Office: 10311 Saskatchewan Drive, Edmonton, Alberta.
Mine Office: Namaso, Alberta.
General Manager: John Mather.
Mine Surveyor: David Jones.

Fireboss: John Mather, Jr.
 Location of Mine: N.E. Cor. L.S. 14, Sec. 5, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Drift: 5 ft. by 5 ft.

**Dickinson, Knight & Dickinson—
 Mine No. 1476**

Mine Office: Carbondale, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: Wm. Knight.
 Location of Mine: N.W. $\frac{1}{4}$ Sec. 9, Tp. 55, Rge. 25, W. 4th Mer.
 Thickness of Seam: 5 ft. 6 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Opening: 6 ft. by 8 ft. Depth of Slope: 100 ft.

**Acme Coal Mine (John May)—
 Mine No. 1492**

Mine Office: Rabbit Hills, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: John May.
 Location of Mine: L.S. 7, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 4 to 4½ ft. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Opening: 6 ft. by 8 ft. Depth of Shaft: 127 ft.

D. J. Gwilliam & Son—Mine No. 1496

Mine Office: Namao, Alberta.
 Mine Surveyor: L. C. Stevens.
 General Manager: D. J. Gwilliam.
 Overman: W. E. Williams.
 Location of Mine: L.S. 3, Sec. 6, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: 6 feet. Inclination of Seam: Horizontal.
 Form of Opening: Tunnel. Size of Tunnel: 6 ft. by 7 ft.

**Bright Service Coal Mine (J. G. Mucha)
 —Mine No. 1559**

Mine Office: Edmonton South, Alberta.
 General Manager: J. G. Mucha.
 Mine Surveyor: R. T. Stewart.
 Overman: A. H. Horkulak.
 Location of Mine: L.S. 12, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 4 ft. 6 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 5½ ft. Length of Slope: 50 ft.

Nimko & Senecko—Mine No. 1560

Mine Office: Edmonton South, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: P. Kelly.
 Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 6 ft. Length of Slope: 35 ft.

Egg Lake Coal Co.—Mine No. 1582

Mine Office: Morinville, Alberta.
 Location of Mine: N.E. $\frac{1}{4}$ Sec. 36, Tp. 36, Rge. 26, W. 4th Mer.
 Stripping operation, no production as yet.

GLEICHEN AREA

Blackfoot Indians—Mine No. 72

This mine is operated on the Blackfoot Reserve by the Indians, the entire output being disposed of locally. This Reserve is south of Gleichien.

Form of Opening: Drift. Size of Opening: 6 ft by 7 ft.

Karl J. Schnepf—Mine No. 299

Mine Office: Rosebud, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: Karl J. Schnepf.
 Location of Mine: S. $\frac{1}{2}$ L.S. 4, Sec. 29, Tp. 26, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 6 ft. Length of Slope: 162 ft.

Standard Coal Mine—Mine No. 1265

Authorized Capital: \$15,000.
 Name of President: H. Castella.
 Name of Secretary: J. Castella.
 Name of Treasurer: H. Castella.
 Mine Office: Standard, Alberta.
 General Manager: H. Castella.
 Mine Surveyor: Gordon L. Kidd.
 Overman: J. Castella.
 Location of Mine: L.S. 5, Sec. 11, Tp. 25, Rge. 19, W. 4th Mer.
 Thickness of Seam: 3 ft. 10 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft by 9 ft. Length of Slope: 110 ft.

**Consumers Coal Mine (J. Guiney)
 Mine No. 1431**

Mine Office: Rosebud, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: John Guiney.
 Location of Mine: L.S. 3, Sec. 29, Tp. 26, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 8 ft. by 10 ft. Length of Slope: 125 ft.

**Lucky Strike Mine (Wm. McMillan)
 Mine No. 1521**

Mine Office: Rosebud, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: Alex. McMillan.
 Location of Mine: L.S. 14, Sec. 20, Tp. 26, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3½ ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 6 ft. by 7 ft.

HALCOURT AREA

Tissington Bros.—Mine No. 651

Mine Office: Grande Prairie, Alberta.
 Mine Surveyor: David Jones.
 Overman: Frank Gibney.
 Location of Mine: L.S. 15, Sec. 35, Tp. 70, Rge. 7, W. 6th Mer.
 Thickness of Seam: 2 ft. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 6 ft. by 6 ft.

Loskill & Schneider—Mine No. 1360

Mine Office: Dimsdale, Alberta.
 Mine Surveyor: David Jones.
 Overman: J. Kenneway.
 Location of Mine: L.S. 7, Sec. 21, Tp. 70, Rge. 7, W. 6th Mer.
 Thickness of Seam: 20 ins. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 5 ft. by 8 ft.

Mitchell Bros.—Mine No. 1433

Mine Office: Dimsdale, Alberta.
 Mine Surveyor: David Jones.
 Overman: Wm. Mitchell.

Location of Mine: S.E. $\frac{1}{4}$ L.S. 3, Sec. 21, Tp. 70, Rge. 7, W. 6th Mer.
 Thickness of Seam: 2 ft. Inclination of Seam: Horizontal.
 Form of Opening: Tunnel. Size of Opening: 4 ft by 4 ft.

Leonard Turner—Mine No. 1506

Mine Office: Dimsdale, Alberta.
 Mine Surveyor: David Jones.
 Overman: L. Turner.
 Location of Mine: N.W. $\frac{1}{4}$ L.S. 2, Sec. 21, Tp. 70, Rge. 7, W. 6th Mer.
 Thickness of Seam: 2 ft. Inclination of Seam: Horizontal.
 Form of Opening: Tunnel. Size of Opening: 6 ft. by 6 ft.

HIGHWOOD AREA

Flat Creek Coals, Ltd.—Mine No. 1566

Authorized Capital: \$50,000.
 Name of President: R. W. Wallace.
 Name of Directors: R. W. Wallace, M. P. Johnston, T. J. Ranaghan, N. Lesiuk.
 Head Office: 211 7th Ave. E., Calgary, Alberta.
 General Manager: R. W. Wallace.
 Mine Surveyor: Robt. Hamilton.
 Overman: H. S. Thain.
 Location of Mine: E. $\frac{1}{2}$ Sec. 34, Tp. 17, Rge. 5, W. 5th Mer.
 Thickness of Seam: One 16 ft and one 6 ft. Inclination of Seam: 52° Vert.
 Form of Opening: Horizontal tunnel, 7 ft. by 7 ft.

LETHBRIDGE AREA

Rozzolini & Bridarolli—Mine No. 56

Mine Office: Magrath, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: A. Rozzolini.
 Location of Mine: N. $\frac{1}{2}$ of S.W. $\frac{1}{4}$ L.S. 3, Sec. 7, Tp. 7, Rge. 21, W. 4th Mer.
 Thickness of Seam: 2 ft 3 in. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5 ft. by 6 ft. Length of Slope: 230 ft.

**H. A. Dupen (New Barnes Mine)
—Mine No. 203**

Mine Office: Lethbridge, Alberta.
 General Manager: H. A. Dupen.
 Mine Surveyor: J. F. Hamilton.
 Overman: A. Ruffell.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 9, Sec. 31, Tp. 9, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3 ft. 10 in. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 5 ft. by 6 ft.

George Rollingson—Mine No. 738

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: George Rollingson.
 Location of Mine: L.S. 2, Sec. 11, Tp. 8, Rge. 22, W. 4th Mer.
 Thickness of Seam: 30 ins. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 6 ft. by 7 ft.

Frank Batchelor—Mine No. 1045

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: Frank Batchelor.
 Location of Mine: S. $\frac{1}{2}$ L.S. 15 and 16, Sec. 2, Tp. 8, Rge. 22, W. 4th Mer.
 Thickness of Seam: 26 ins. Inclination of Seam: Horizontal.
 Form of Opening: Tunnel. Size of Opening: 6 ft. by 16 ft.

**Loxton, Vargo & Chemotti—
Mine No. 1086**

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: George Loxton.
 Location of Mine: L.S. 5, Sec. 8, Tp. 7, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3 ft. 6 in. Inclination of Seam: Horizontal.
 Form of Opening: Drift. Size of Opening: 6 ft. by 7 ft.

J. C. Chester—Mine No. 1095

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: Geo. Roberts.
 Firebosses: L. Bailey and L. MacLeod.
 Location of Mine: L.S. 9, Sec. 30, Tp. 9, Rge. 21, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 7 ft. by 6 ft. Length of Slope: 257 ft.

Royal View Mine (Lund, Nelson and Hagblad)—Mine No. 1109

Mine Office: Lethbridge, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: S. A. B. Crabb.
 Firebosses: T. Hagblad and S. Rota.
 Location of Mine: L.S. 8, Sec. 31, Tp. 9, Rge. 21, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 8 ft by 8½ ft. Depth of Shaft: 100 ft.

**The Lethbridge Co-operative Mines
Association, Ltd.—Mine No. 1219**

Mine Office: 732 13th St. N., Lethbridge, Alberta.
 Name of President: James R. Perry.
 Name of Directors: H. Kruss, J. Obshaski, L. Credico, L. A. Rogers, F. J. Zuback, M. Duda.
 Name of Secretary-Treasurer: Robert Reid.
 Mine Surveyor: J. F. Hamilton.
 Overman: John Garrett.
 Firebosses: L. Ridgeway and John Perini.
 Location of Mine: L.S. 12, Sec. 29, Tp. 9, Rge. 21, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 5½ ft. by 6½ ft. Length of Slope: 400 ft.

Lethbridge Collieries, Ltd.—Mine No. 1263

Authorized Capital: \$1,400,000.
 Name of President: S. G. Porter.
 Name of Directors: C. S. Donaldson, E. A. Lovett, S. G. Porter, Wm. Toole, E. A. Whitmore.
 Name of Secretary-Treasurer: B. T. Coon.
 Head Office: Calgary, Alberta.
 Mine Office: Shaughnessy, Alberta.
 General Manager: B. T. Coon.
 Mine Manager: C. S. Donaldson.
 Mine Surveyor: Wm. Meldrum.
 Overman: A. G. Donaldson, Fred Thackray.
 Firebosses: Basil Mills, Otto Krossa and Alex. Birse.
 Location of Mine: L.S. 11, Sec. 30, Tp. 10, Rge. 21, W. 4th Mer.
 Thickness of Seam: 5 ft. 6 in. Inclination of Seam: 2% N. 56 W.
 Form of Opening: Shaft. Size of Shaft: 18 ft. by 9 ft.

Lethbridge Collieries, Ltd.—Mine No. 1464

Mine Office: Lethbridge, Alberta.
 Mine Manager: J. M. Davidson.

70-7-546

Mine Surveyor: Wm. Meldrum.
Overman: W. S. Crawford.
Firebosses: C. Coutts, J. Stewart, H. Crawford, G. Hargreaves, D. Coutts.
Location of Mine: L.S. 3, Sec. 2, Tp. 9, Rge. 22, W. 4th Mer.
Thickness of Seam: 4 ft. 4 in. Inclination of Seam: 1, in 72 N 8° W.
Form of Opening: Shaft.
Size of Shaft: 18 by 8 by 11 ft. Depth of Shaft: 359 ft.

Kerralta Coal Company—Mine No. 1576
Mine Office: Lethbridge, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: Julius Peta.
Location of Mine: L.S. 13 of Sec. 12, L.S. 4 of Sec. 13, Tp. 9, Rge. 22, W. 4th Mer.
Thickness of Seam: 4 ft. 2 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Opening: 6 ft. by 7 ft. Length of Slope: 290 ft.

J. J. Hamilton Coal Company
—Mine No. 1581

Mine Office: Lethbridge, Alberta.
General Manager: J. J. Hamilton.
Mine Surveyor: W. Meldrum.
Overman: E. Tyrer.
Location of Mine: L.S. 11, Sec. 24, Tp. 9, Rge. 22, W. 4th Mer.
Thickness of Seam: 4 ft. 6 in. Inclination of Seam: 2% N. 56° W.
Form of Opening: Shaft.
Size of Shaft: 8 ft. by 8 ft. Depth of Shaft: 228 ft.

MILK RIVER AREA

Thomas Taylor—Mine No. 1301

Mine Office: Groton, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: Thomas Taylor.
Location of Mine: L.S. 8, 9 and 10, Sec. 10, Tp. 3, Rge. 11, W. 4th Mer.
Thickness of Seam: 4 ft. 4 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft by 6 ft. Length of Slope: 108 ft.

J. J. Mueller—Mine No. 1380

Mine Office: Masinasin, Alberta.
Mine Surveyor: J. F. Hamilton.
Location of Mine: W. ½ L.S. 9, L.S. 10, Sec. 27, Tp. 2, Rge. 12, W. 4th Mer.
Thickness of Seam: 2 ft. to 3 ft. 8 in. Stripping operation.

E. L. Bye—Mine No. 1540

Mine Office: Lucky Strike, Alberta.
Mine Surveyor: Gordon L. Kidd.
Location of Mine: N.W. ¼ L.S. 5, Sec. 35, Tp. 2, Rge. 12, W. 4th Mer.
Stripping operation.

MOUNTAIN PARK AREA

Mountain Park Coals, Ltd.—Mine No. 282
Authorized Capital: \$1,042,430.
Name of President: Col. H. P. Mitchell, M.P.
Name of Directors: A. M. Mitchell, Col. M. E. Lindsay, D.S.O., G. R. F. Kirkpatrick, A. C. Dunn, Mayne Reid, J. C. Dunn, A. E. Russell, R. Burleigh Taylor, C. B. McNair, A. N. Scott, Col. H. P. Mitchell.
Name of Secretary-Treasurer: R. Burleigh Taylor; Assistant, G. P. Nance.
Head Office: 179 Queen St., Charlottetown, P.E.I.
Mine Office: Mountain Park, Alberta.

General Manager: A. N. Scott.
Mine Manager: J. A. Dutton.
Mine Surveyor: D. Hamilton.
Overmen: J. Horne, W. Talbot, H. Simmons.
Firebosses: J. Price, Alf. Dutton, W. James, J. C. James, R. Roome, J. W. McDonald, J. Tennant, J. Bulat, W. Allen, A. Stene, J. Tennant.
Location of Mine: S.E. ¼ Sec. 33, Tp. 45, Rge. 23, W. 5th Mer.
Thickness of Seam: Kennedy, 25 ft.; No. 2, 8 ft.; No. 3, 32 ft. Inclination of Seam: 15 to 60 degrees.
Form of Opening: Drift.
Size of Slope: No. 1, 7 ft. by 10 ft; No. 2, 7 ft. by 10 ft. Length of No. 1 Slope: 1500 feet; Length of No. 2 Slope: 800 ft.

Cadomin Coal Co., Ltd.—Mine No. 693
Authorized Capital: \$1,200,000 no par value shares.
Name of President: H. R. Milner, K.C.
Name of Directors: H. R. Milner, K.C., S. W. Field, K.C., A. C. Emery, J. A. McLeod.
Name of Secretary-Treasurer: Colin Campbell.
Technical Head Office: 316 McLeod Building, Edmonton, Alberta.
Mine Office: Cadomin, Alberta.
General Manager: J. A. McLeod.
Mine Manager: E. Coupland.
Mine Surveyor: N. Melnyk.
Overmen—J. Roberts, T. Carr.
Firebosses: R. Rawlinson, R. Muir, J. T. Logan, Jas. Hall, P. Carty, D. Stene, P. Nicholson, P. S. Douglas, Jr.
Location of Mine: L.S. 14, Sec. 31, Tp. 46, Rge. 23, W. 5th Mer.
Thickness of Seam: 32 ft. Inclination of Seam: 62 degrees.
Form of Opening: Shaft.
Size of Shaft: 14 ft. 2 in. by 22 ft. 6 in. Depth of Shaft: 875 ft.

Luscar Coals, Ltd.—Mine No. 905

Authorized Capital: \$650,000.
Name of President: Col. H. P. Mitchell, M.P.
Name of Directors: Col. H. P. Mitchell, M.P., Col. M. E. Lindsay, D.S.O., Messrs. M. Reid, A. C. Dunn, J. C. Dunn, A. N. Scott, G. R. F. Kirkpatrick, A. M. Mitchell, A. E. Russell, C. B. McNair, R. Burleigh Taylor.
Name of Secretary-Treasurer: R. Burleigh Taylor; Assistant, G. P. Nance.
Head Office: 179 Queen St., Charlottetown, P.E.I.
Mine Office: Luscar, Alberta.
General Manager: A. N. Scott.
Mine Manager: A. C. Hnatyshyn.
Mine Surveyor: D. C. Hamilton.
Overmen: John Brady and L. C. Chavignaud.
Firebosses: W. Thomas, R. Mitchell, T. Eccleston, H. Evans, D. Astley, J. Hogg, and F. Lewis.
Location of Mine: L.S. 7, Sec. 23, Tp. 47, Rge. 24, W. 5th Mer.
Thickness of Seam: 30 ft., approximately. Inclination of Seam: Varies up to 90 degrees.
Form of Opening: Slope in rock.
Size of Slope: 8 ft. by 12 ft. Length of Slope: 800 ft.

K-D Collieries, Ltd.—Mine No. 1392

Authorized Capital: \$200,000.
Name of President: Nelles V. Buchanan.
Name of Directors: R. V. Real, H. J. MacDonald, H. D. Elliot.
Name of Secretary-Treasurer: G. E. T. Sherry.
Head Office: Edmonton, Alberta.
Mine Office: Kaydee, Alberta.

General Manager: G. E. T. Sherry.
 Mine Manager: Thos. Mather.
 Mine Surveyor: L. C. Stevens.
 Overman: Thos. J. Shaw.
 Firebosses: James Denholm, John Painter.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 8, Sec. 28,
 Tp. 47, Rge. 24, W. 5th Mer.
 Thickness of Seam: 30 to 40 ft. Inclina-
 tion of Seam: 30 degrees pitch.
 Form of Opening: Drifts. Size of Open-
 ing: 7 ft. by 10 ft.

NORDEGG AREA

Brazeau Collieries, Ltd.—Mine No. 256
 Authorized Capital: \$4,450,000.
 Name of President: J. A. Boyd.
 Name of Directors: J. A. Boyd, J. A.
 Kilpatrick, W. H. Moore, G. R. Cot-
 trelle, H. S. Gausby.
 Name of Secretary-Treasurer: H. S.
 Gausby.
 Head Office: 7th Floor, 25 King St. W.,
 Toronto, Ontario.
 Mine Office: Nordegg, Alberta.
 General Manager: John Shanks.
 Mine Manager: No. 2 Mine David Shanks,
 No. 3 Mine Jas. M. Stewart.
 Mine Surveyor: A. McMullen.
 Overmen: No. 2 Mine, A. McQueen; No.
 3 Mine, W. R. Kerr and J. Parker.
 Firebosses: No. 2 Mine, G. McQueen, H.
 Williams, J. White, W. Aitken; No. 3
 Mine, G. B. Minue, G. W. Stewart, R.
 Whyte, M. O'Neill.
 Location of Mine: L.S. 13, Sec. 22, Tp.
 40, Rge. 15, W. 5th Mer.
 Thickness of Seam: No. 2 Seam, 6 ft;
 No. 3 Seam: 13 ft. Inclination of
 Seam: 12 degrees.
 Form of Opening: Drift and slope.
 Size of Slope: 12 ft. by 6 ft. Length of
 No. 2 Slope: 3,000 ft; Length of No. 3
 Slope: 2,500 ft.

PAKOWKI AREA

William Geddes—Mine No. 1138
 Mine Office: Little Plume, Alberta.
 Mine Surveyor: E. Ashburner.
 Overman: Wm. Geddes.
 Location of Mine: W. $\frac{1}{2}$ L.S. 15, Sec. 2,
 Tp. 9, Rge. 5, W. 4th Mer.
 Thickness of Seam: 11 ft. Inclination of
 Seam: 32 degrees.
 Form of Opening: Slope.
 Size of Opening: 5 ft. by 5 ft. Length of
 Slope: 125 ft.

William Raeder—Mine No. 1318
 Mine Office: Elkwater, Alberta.
 Mine Surveyor: E. Ashburner.
 Overman: Wm. Raeder.
 Location of Mine: L.S. 10, Sec. 23, Tp. 8,
 Rge. 3, W. 4th Mer.
 Thickness of Seam: 5 ft. 6 in. Inclina-
 tion of Seam: Horizontal.
 Form of Opening: Drift. Size of Open-
 ing: 6 ft. by 6 ft.

PEKISKO AREA

**H. Swan & Son (Fish Creek Mine)—
 Mine No. 361**
 Mine Office: Priddis, Alberta.
 Mine Surveyor: R. Hamilton.
 Overman: H. Swan.
 Fireboss: S. Henderson.
 Location of Mine: L.S. 11, Sec. 7, Tp. 22,
 Rge. 3, W. 5th Mer.
 Thickness of Seam: 6 ft. 6 in. Inclina-
 tion of Seam: 10 degrees.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 8 ft. Length of
 Slope: 260 ft.

Campbell Bros.—Mine No. 1142

Mine Office: Priddis, Alberta.
 Mine Surveyor: R. Hamilton.
 Overman: J. Metcalf.
 Location of Mine: L.S. 11, Sec. 27, Tp. 22,
 Rge. 4, W. 5th Mer.
 Thickness of Seam: 3 ft. 6 in. Inclina-
 tion of Seam: 10 degrees approxi-
 mately.
 Form of Opening: Slope.
 Size of Opening: 6 ft. by 7 ft. Length of
 Slope: 100 ft.

Frank D. Swan—Mine No. 1510

Mine Office: Priddis, Alberta.
 Mine Surveyor: R. Hamilton.
 Overman: H. G. Heidel.
 Location of Mine: N.E. $\frac{1}{4}$ L.S. 6, Sec. 5,
 Tp. 22, Rge. 23, W. 5th Mer.
 Thickness of Seam: 9 ft.
 Form of Opening: Slope.
 Size of Opening: 6 ft. by 7 ft. Length of
 Slope: 190 ft.

G. C. Davies—Mine No. 1516

Mine Office: Priddis, Alberta.
 Mine Surveyor: R. Hamilton.
 Overman: G. C. Davies.
 Location of Mine: L.S. 10, Sec. 4, Tp. 22,
 Rge. 3, W. 5th Mer.
 Thickness of Seam: 3 ft. 4 in. Inclination
 of Seam: 10½ degrees.
 Form of Opening: Slope.
 Size of Slope: 6 ft. by 6 ft. Length of
 Slope: 350 ft.

PEMBINA AREA

Lakeside Coals, Ltd.—Mine No. 419
 Authorized Capital: \$660,000.
 Name of President: E. A. McBain.
 Name of Directors: E. A. McBain, W.
 Foster, M. O. Tudhope, Dr. J. G.
 Roberts, Walter Ramsay.
 Name of Secretary-Treasurer: E. A. Mc-
 Bain.
 Head Office: Edmonton, Alberta.
 Mine Office: Wabamun, Alberta.
 General Manager: W. Foster.
 Mine Manager: W. G. Flint.
 Mine Surveyor: W. Foster.
 Overman: J. Vivyurka.
 Location of Mine: L.S. 15, Sec. 9, Tp. 53,
 Rge. 4, W. 5th Mer.
 Thickness of Seam: 7½ ft. Inclination
 of Seam: Horizontal.
 Form of Opening: Drift. Size of Open-
 ing: 7 ft. by 8 ft.

Geo. Sturit—Mine No. 1409

Mine Office: Gainford, Alberta.
 Mine Surveyor: David Jones.
 Overman: Geo. Sturit.
 Location of Mine: S.E. $\frac{1}{4}$ Sec. 36, Tp. 53,
 Rge. 6, W. 5th Mer.
 Thickness of Seam: 9 to 11 ft. Inclina-
 tion of Seam: Horizontal.
 Form of Opening: Drift. Size of Open-
 ing: 6 ft. by 6 ft.

Entwistle Coals, Ltd.—Mine No. 1495

Name of President: L. Lucas.
 Name of Directors: Messrs. Lucas, Hem-
 shall, Winkler.
 Name of Secretary-Treasurer: L. Lucas.
 Head Office: Edmonton, Alberta.
 Mine Office: Entwistle, Alberta.
 General Manager: G. E. Winkler.
 Mine Surveyor: B. Atkins.
 Overman: J. A. Hodgkinson.
 Location of Mine: N.W. $\frac{1}{4}$ Sec. 34, Tp. 53,
 Rge. 7, W. 5th Mer.
 Thickness of Seam: 5 ft. 6 in. Inclina-
 tion of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Opening: 5 ft. by 6 ft. Length of
 Slope: 75 ft.

H. H. Wright—Mine No. 1575

Mine Office: Genesee, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: Albert Williams.
 Location of Mine: L.S. 16, Sec. 12, Tp. 51.,
 Rge. 3, W. 5th Mer.
 Thickness of Seam: 4 ft. Inclination of
 Seam: Horizontal.
 Form of Opening: Drift. Size of Open-
 ing: 5 ft. by 6 ft.

PINCHER AREA**Purdy & Co.—Mine No. 59**

Mine Office: Lundbreck, Alberta.
 Mine Surveyor: H. H. Congdon.
 Overman: S. J. Purdy.
 Location of Mine: S.W. ¼ L.S. 15, Sec.
 26, Tp. 7, Rge. 2, W. 5th Mer.
 Thickness of Seam: 6 ft. Inclination of
 Seam: 20 to 50 degrees.
 Form of Opening: Slope.
 Size of Slope: 7 ft. by 10 ft. Length of
 Slope: 400 ft.

W. B. Rhodes—Mine No. 1579

Mine Office: Lundbreck, Alberta.
 Mine Surveyor: None yet.
 Overman: W. B. Rhodes.
 Location of Mine: L.S. 15, Sec. 23, Tp. 7,
 Rge. 2, W. 5th Mer.
 Thickness of Seam: 6 to 10 ft. Inclina-
 tion of Seam: 45-70 degrees.
 Form of Opening: Slope.
 Size of Slope: 7 ft. by 7 ft. Length of
 Slope: 130 ft.

REDCLIFF AREA**Gunderson Brick & Coal Co., Ltd.—
Mine No. 165**

Authorized Capital: \$200,000.
 Name of President: P. Lavelle.
 Name of Directors: J. M. Stratton, P.
 Lavelle, C. G. Buchholz.
 Name of Secretary-Treasurer: C. G.
 Buchholz.
 Mine Office: Redcliff, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: J. M. Stratton.
 Fireboss: M. Valentini.
 Location of Mine: L.S. 14, Sec. 5, Tp. 13,
 Rge. 6, W. 4th Mer.
 Thickness of Seam: 4 ft. 5 in. Inclina-
 tion of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 7 ft. by 7 ft. Length of
 Slope: 560 ft.

**Ajax Coal Company (J. T. Oliphant)
—Mine No. 772**

Authorized Capital: \$15,000.
 Name of President: L. N. Laidlaw.
 Head Office: Box 638, Medicine Hat,
 Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: John T. Oliphant.
 Location of Mine: L.S. 2, Sec. 5, Tp. 13,
 Rge. 6, W. 4th Mer.
 Thickness of Seam: 4 ft. Inclination of
 Seam: Horizontal.
 Form of Opening: Drift.

ROCHESTER AREA**Thorhild Coal Company—Mine No. 1517**

Mine Office: Thorhild, Alberta.
 Mine Surveyor: David Jones.
 Overman: Mike Libicz.
 Location of Mine: N. ½ L.S. 12, S. ½ L.S.
 13, Sec. 12, Tp. 60, Rge. 21, W. 4th
 Mer.
 Thickness of Seam: 6 ft. 10. Inclination
 of Seam: Horizontal.

Form of Opening: Slope.
 Size of Slope: 7 ft. by 7 ft. Length of
 Slope: 65 ft.

E. Waytowich—Mine No. 1562

Mine Office: Radway, Alberta.
 Mine Surveyor: David Jones.
 Overman: Emil Waytowich.
 Location of Mine: L.S. 1, Sec. 11, Tp. 60,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 5½ ft. Inclination
 of Seam: Horizontal.
 Form of Opening: Slope.
 Size of Slope: 8 ft. by 7 ft. Length of
 Slope: 50 ft.

SAUNDERS AREA**Bighorn & Saunders Creek Collieries,
Ltd.—Mine No. 388**

Authorized Capital: \$300,000.
 Name of President: Raoul Green.
 Name of Directors: J. Charbonnier, J. R.
 Smith, L. P. Robert, W. G. Pearson.
 Name of Secretary-Treasurer: Alexander
 Granger.
 Head Office: Blairmore, Alberta.
 Mine Office: Saunders, Alberta.
 Mine Manager: Owen Morgan.
 Mine Surveyor: Owen Morgan.
 Overman: J. D. B. Brown.
 Firebosses: L. Gladwin, I. Dolanz, F.
 Broderick.
 Location of Mine: S.E. ¼ L.S. 9, Sec. 24,
 Tp. 40, Rge. 13, W. 5th Mer.
 Thickness of Seam: 4 ft. 5 in. Inclina-
 tion of Seam: 7 degrees.
 Form of Opening: Slope.
 Size of Slope: 8 ft. by 7 ft. Length of
 Slope: 1,300 ft.

Alexo Coal Co., Ltd.—Mine No. 852

Authorized Capital: \$200,000.
 Name of President: E. F. Pullen.
 Name of Directors: E. F. Pullen, G. F.
 Hanning, Frank Pullen, C. C. Clark.
 Name of Secretary: C. C. Clark.
 Head Office: 107 Duke St., Toronto, Ont.
 Mine Office: Alexo, Alberta.
 General Manager: E. F. Pullen.
 Mine Manager: A. Muir.
 Mine Surveyor: A. McMullen.
 Firebosses: W. Strickland, D. Duncan.
 Location of Mine: L.S. 9, Sec. 27, Tp. 40,
 Rge. 13, W. 5th Mer.
 Thickness of Seam: 5 ft. Inclination of
 Seam: 7 degrees.
 Form of Opening: Slope.
 Size of Slope: 12 ft. by 8 ft. Length of
 Slope: 2,250 ft. dipping 6 degrees.

SEXSMITH AREA**Teepee Creek Mining Co. (G. A. Ander-
son)—Mine No. 1525**

Mine Office: Teepee Creek, Alberta.
 Mine Surveyor: David Jones.
 Overman: Henry A. Anderson.
 Location of Mine: S.E. ¼ L.S. 9, Sec. 8,
 Tp. 75, Rge. 3, W. 6th Mer.
 Thickness of Seam: 3 ft. Inclination of
 Seam: Horizontal.
 Form of Opening: Shaft.
 Size of Shaft: 5 ft. by 5 ft. Depth of
 Shaft: 37 ft.

SHEERNESS AREA**Chinook Coal Co., Ltd.—Mine No. 443**

Authorized Capital: \$50,000.
 Name of President: C. Gallinger.
 Name of Directors: C. Gallinger, Mrs.
 Jean Gallinger, Wilbur Gallinger, Mrs.
 R. L. Wood, R. L. Wood.
 Name of Secretary-Treasurer: R. L. Wood.

Head Office: Sheerness, Alberta.
General Manager: R. L. Wood.
Mine Surveyor: David Jones.
Overman: William Swanson.
Location of Mine: L.S. 1, Sec. 12, Tp. 29, Rge. 13, W. 4th Mer.
Thickness of Seam: 5 to 6 ft. Inclination of Seam: Horizontal.
Stripping operation.

J. R. Hemstock—Mine No. 486

Mine Office: Hanna, Alberta.
Mine Surveyor: David Jones.
Mine Manager: J. R. Hemstock.
Location of Mine: S.W. $\frac{1}{4}$ L.S. 6, Sec. 29, Tp. 32, Rge. 13, W. 4th Mer.
Thickness of Seam: 2 ft. Inclination of Seam: Horizontal.
Stripping operation.

T. E. Stubbs—Mine No. 1314

Mine Office: Hanna, Alberta.
Mine Surveyor: David Jones.
Overman: T. E. Stubbs.
Location of Mine: L.S. 1, Sec. 6, Tp. 29, Rge. 14, W. 4th Mer.
Thickness of Seam: $2\frac{1}{2}$ ft. Inclination of Seam: Horizontal.
Stripping operation.

T. G. Ironside—Mine No. 1398

Mine Office: Scapa, Alberta.
Mine Surveyor: David Jones.
Overman: T. G. Ironside.
Location of Mine: L.S. 12, Sec. 5, Tp. 34, Rge. 13, W. 4th Mer.
Thickness of Seam: $2\frac{1}{2}$ ft. Inclination of Seam: Horizontal.
Stripping operation.

F. M. Pahl & Sons—Mine No. 1401

Mine Office: Hanna, Alberta.
Mine Surveyor: David Jones.
Overman: F. M. Pahl.
Location of Mine: N.E. $\frac{1}{4}$ L.S. 7, Sec. 30, Tp. 32, Rge. 13, W. 4th Mer.
Thickness of Seam: 3 to $3\frac{1}{2}$ ft. Inclination of Seam: Horizontal.
Stripping operation.

**A. J. Bordula (Blackburn Coal Mine)
Mine No. 1416**

Mine Office: Hanna, Alberta.
Mine Surveyor: David Jones.
Overman: A. J. Bordula.
Location of Mine: S.W. $\frac{1}{4}$ L.S. 9, Sec. 19, Tp. 29, Rge. 14, W. 4th Mer.
Thickness of Seam: 3 ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 7 ft. by 6 ft. Length of Slope: 90 ft.

Sheerness Coal Co., Ltd.—Mine No. 1432

Authorized Capital: \$10,000.
Name of President: Claude Gallinger.
Name of Directors: C. Gallinger and Mrs. Jean Gallinger.
Name of Secretary-Treasurer: R. L. Wood.
Head Office: Sheerness, Alberta.
General Manager: R. L. Wood.
Overman: B. H. Bislop.
Mine Surveyor: David Jones.
Location of Mine: L.S. 5, Sec. 19, Tp. 29, Rge. 12, W. 4th Mer.
Thickness of Seam: 5 ft. Inclination of Seam: Horizontal.
Stripping operation.

John Masciangelo—Mine No. 1553

Mine Office: Delia, Alberta.
Mine Surveyor: David Jones.
Overman: John Masciangelo.
Location of Mine: L.S. 10, Sec. 21, Tp. 30, Rge. 17, W. 4th Mer.

Thickness of Seam: 3 ft. Inclination of Seam: Horizontal.
Form of Opening: Drift. Size of Opening: 6 ft. by 7 ft.

TABER AREA

Williams Coal Co.—Mine No. 201

Mine Office: Taber, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: John Williams.
Location of Mine: N. $\frac{1}{2}$ L.S. 1, Sec. 13, Tp. 10, Rge. 17, W. 4th Mer.
Thickness of Seam: $3\frac{1}{2}$ ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6 ft. by 6 ft. Length of Slope, 110 ft.

Clement J. Lavenne—Mine No. 672

Mine Office: Bow Island, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: C. J. Lavenne.
Location of Mine: L.S. 3, Sec. 27, Tp. 12, Rge. 10, W. 4th Mer.
Thickness of Seam: 4 ft. 4 in. Inclination of Seam: Horizontal.
Form of Opening: Shaft.
Size of Shaft: 4 ft. by 4 ft. Depth of Shaft: 33 ft.

Powell & Co.—Mine No. 712

Mine Office: Barnwell, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: Gilbert Maggs.
Location of Mine: N.E. $\frac{1}{4}$ L.S. 8, Sec. 4, Tp. 10, Rge. 17, W. 4th Mer.
Thickness of Seam: 3 ft. 7 in. Inclination of Seam: Horizontal.
Form of Opening: Level tunnel from river bank.

Dunn Brothers—Mine No. 1145

Mine Office: Taber, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: Samuel Dunn.
Location of Mine: L.S. 1, Sec. 13, Tp. 10, Rge. 17, W. 4th Mer.
Thickness of Seam: 3 ft. 7 in. Inclination of Seam: Horizontal.
Form of Opening: Level tunnel from river bank.

W. V. Campbell—Mine No. 1334

Mine Office: Grassy Lake, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: W. V. Campbell.
Location of Mine: L.S. 4, Sec. 26, Tp. 9, Rge. 13, W. 4th Mer.
Thickness of Seam: 2 ft. Inclination of Seam: Horizontal.
Form of Opening: Stripping operation.

Edward Oliver—Mine No. 1536

Mine Office: Taber, Alberta.
Mine Surveyor: J. F. Hamilton.
Mine Manager: Edward Oliver.
Overman: Mike Novak.
Location of Mine: L.S. 2, Sec. 18, Tp. 10, Rge. 16, W. 4th Mer.
Thickness of Seam: 3 ft. 8 in. Inclination of Seam: Horizontal.
Form of Opening: Drift. Size of Opening: 6 ft. by 6 ft.

Mullen & Collett—Mine No. 1545

Mine Office: Taber, Alberta.
Mine Surveyor: J. F. Hamilton.
General Manager: J. Mullen.
Overman: Wm. Wallwork.
Location of Mine: L.S. 14, Sec. 1, Tp. 10, Rge. 17, W. 4th Mer.

Thickness of Seam: 3 ft. 10 in. Inclination of Seam: Horizontal.
Form of Opening: Drift. Size of Opening: 6 ft. by 6 ft.

AAA Coals, Ltd.—Mine No. 1580

Authorized Capital: \$70,000.
Name of President: John A. Mooney.
Name of Directors: John A. Mooney, Robt. J. Brandon, A. B. Hudson.
Name of Secretary-Treasurer: Robt. J. Brandon.
Head Office: Suite 1, Banner Building, Regina, Sask.
Mine Office: Grassy Lake, Alberta.
Mine Manager: A. B. Hudson.
Location of Mine: L.S. 7 and 8, Sec. 26, Tp. 9, Rge. 13, W. 4th Mer.
Thickness of Seam: 28 ins. Inclination of Seam: Horizontal.
Stripping operation.

TOFIELD AREA

Dodds Coal Co., Ltd.—Mine No. 215

Authorized Capital: \$30,000.
Name of President: M. A. Chappell.
Name of Directors: E. E. Chappell, A. E. Chappell, E. M. Chappell.
Name of Secretary-Treasurer: E. E. Chappell.
Mine Office: Dodds, Alberta.
Mine Manager: E. E. Chappell.
Mine Surveyor: David Jones.
Location of Mine: L.S. 7, Sec. 14, Tp. 49, Rge. 18, W. 4th Mer.
Thickness of Seam: 6 ft. Inclination of Seam: Horizontal.
Stripping operation, open pit.

Tofield Coal Co., Ltd.—Mine No. 252

Authorized Capital: \$150,000.
Name of President: Claude Gallinger.
Name of Directors: Claude Gallinger, Mrs. Jean Gallinger.
Name of Secretary-Treasurer: Norman E. Scott.
Mine Office: Tofield, Alberta.
General Manager: Claude Gallinger.
Mine Surveyor: David Jones.
Location of Mine: N. $\frac{1}{2}$ Sec. 26, Tp. 50, Rge. 19, W. 4th Mer.
Thickness of Seam: 6 to 7 ft. Inclination

of Seam: Horizontal.
Open pit stripping operation.

Falvo & Partner—Mine No. 1107

Mine Office: Dodds, Alberta.
Mine Surveyor: David Jones.
Overman: D. Falvo.
Location of Mine: L.S. 15, Sec. 11, Tp. 49, Rge. 18, W. 4th Mer.
Thickness of Seam: 5 to 6 ft. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 7 ft. by 6 ft. Length of Slope: 60 ft.

Ryley Coal Co.—Mine No. 1206

Mine Office: Ryley, Alberta.
General Manager: W. T. Gotheridge.
Mine Surveyor: David Jones.
Mine Manager: W. T. Gotheridge.
Location of Mine: L.S. 8, Sec. 8, Tp. 49, Rge. 17, W. 4th Mer.
Thickness of Seam: 8 ft. 2 in. Inclination of Seam: Horizontal.
Form of Opening: Slope.
Size of Slope: 6½ ft. by 6 ft. 3 in. Length of Slope: 48 ft.

WETASKIWIN AREA

Peter Gill—Mine No. 1534

Mine Office: Thorsby, Alberta.
Mine Surveyor: L. C. Stevens.
Overman: Peter Gill.
Location of Mine: L.S. 2 and 7, Sec. 3, Tp. 48, Rge. 27, W. 4th Mer.
Thickness of Seam: 4 ft. 9 in. Inclination of Seam: Horizontal.
Form of Opening: Drift. Size of Opening: 6 ft. by 7 ft.

WHITCOURT AREA

Alexander Watson—Mine No. 1569

Mine Office: Blue Ridge, Alberta.
Overman: A. Watson.
Location of Mine: Part of L.S. 12 and 13, Sec. 19, Tp. 59, Rge. 10, W. 5th Mer.
Thickness of Seam: 6 ft. 3 in. Inclination of Seam: Horizontal.
Stripping operation.

LIST OF MINES

The following table gives particulars of Mines which have been opened in the Province:

Mine No.	Operator	Address	District No.	Location	Date of	
					Opening	Re-opening
✓ 1	Anthracite Coal Co., Ltd.	Anthracite	7	L.S. 16	1888	1904
✓ 37	Consolidated with No. 772	Medicine Hat	34	L.S. 4	1899	1919
✓ 42	Alberta Railway & Irrigation Co.	Pincher	32	5-13- 6-4	1899	1919
✓ 218	Consolidated with No. 296	Champion	9	10- 5- 1-5	1905	1906
✓ 223	Adams Coal Mine Co., Ltd.	Lethbridge	20	8-16 23-4	1909	1915
✓ 270	Arblaster & Lloyd	Bow Island	41	16-10-21-4	1910	1913
✓ 328	Adams, Alex.	Perbeck	21	5-11-11-4	1911	1913
✓ 358	Anon & Barr	Winnifred	41	13-34-22-4	1911	1938
✓ 390	Abel, W. S.	Reid Hill	22	L.S. 12	1912	1922
✓ 432	Asmure, James	Kipperville	22	22-12-10-4	1912	1922
✓ 474	Armour & Stauffer	Morrin	9	1- 3-12-4	1913	1916
✓ 475	Aune, George	Morrin	6	24-16-23-4	1913	1915
✓ 631	Aiello, James	Arley	1	22-31-21-4	1915	1915
✓ 684	Atlas Coal Co., Ltd.	Drumheller	14	17-38-23-4	1915	1915
✓ 701	Alberta Superior Coal Co.	Drumheller	14	28-31-21-4	1915	1915
✓ 708	Auchenback, Andrew	Thelma	28	10-29-20-4	1916	1923
✓ 756	Alexo Coal Co., Ltd.	Medicine Hat	36	12- 7- 3-4	1917	1923
✓ 772	Alax Coal Co. (J. T. Oliphant)	Gadsby	34	23-40-13-5	1917	1923
✓ 791	Allen, Richard	Medicine Hat	8	5-13- 6-4	1918	1917
✓ 792	Allen, E. D.	Rosalind	8	L.S. 2	1918	1917
✓ 861	Alexo Coal Co., Ltd.	Alexo	36	L.S. 16	1918	1918
✓ 852	Alexo Coal Co., Ltd.	Calgary	2	S.E. ¼	1918	1927
✓ 861	Acadia Coal Mine	Rosalind	2	S.E. ¼	1918	1919
✓ 879	Allen, E. D.	Edmonton South	15	L.S. 1	1920	1922
✓ 939	Arndt, Lengert & Shultzze	Halkirk	8	W. ½ L.S. 11	1920	1924
✓ 1000	Allen, Ralph	Drumheller	14	E. ½ L.S. 14	1921	1924
✓ 1089	Arcadia Coal Co., Ltd.	Drumheller	14	E. ½ L.S. 14	1922	1928
✓ 1106	Allen, Ralph	Cornucopie	8	L.S. 2	1923	1924
✓ 1139	Armstrong & Corkish	Lonond	9	L.S. 15	1923	1925
✓ 1230	Armstrong, Golo and La Battise	Vulcan	8	L.S. 14 & 15	1924	1926
✓ 1239	Alberta Canadian Collieries, Ltd.	Lovett	11	L.S. 15	1926	1927
✓ 1276	Albion Coal Co., Ltd.	Drumheller	14	L.S. 8	1926	1928
✓ 1278	Albion Coal Co., Ltd.	Drumheller	14	L.S. 16	1928	1928
✓ 1289	Aetna Coal Company	Drumheller	14	L.S. 2	1928	1938
✓ 1305	Aello James	Calgary	30	L.S. 5	1928	1937
✓ 1326	Alderice, W. J.	Turner Valley	30	36-19- 5-5	1929	1931
✓ 1333	Alberta Clay Products, Ltd., The.	Dunmore	34	34-17- 5-5	1930	1931
✓ 1351	Allen, E. D.	Rosalind	8	N.E. ¼	1930	1932
✓ 1359	Arctic Coal Co. (Balogh Bros.)	Carbon	8	S.E. ¼	1931	1932
✓ 1359	Arctic Coal Co. (Balogh Bros.)	Carbon	8	L.S. 8	1931	1931
✓ 1359	Arctic Coal Co. (Balogh Bros.)	Carbon	8	13-29-23-4	1931	1931

THE MINES BRANCH

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of		
					Opening	Aban- donment	Re- opening
1388	Consolidated with No. 1298	Turner Valley	30	L.S. 7	24-19-6-5	1929	1930
✓ 1417	Armstrong, John	Castor	8	L.S. 14	34-37-14-4	1933	1933
✓ 1424	Ashmore Bros.	Champion	9	L.S. 14	32-15-23-4	1933	1933
1490	Arac, Emil	Sexsmith	37	L.S. 8	8	1936	1936
1511	Aetna Coal Company	East Coulee	14	L.S. 5	9-75-3-6	1937	1937
1512	Armstrong & Son & Briggs	Drumheller	14	L.S. 1	22-28-19-4	1937	1937
✓ 1552	Anonson & Company	Rosalind	8	L.S. 2	27-27-21-4	1938	1940
✓ 1570	Allen & Partners	Wayne	14	L.S. 14	4-43-17-4	1940	1941
1580	A.A.A. Coals, Ltd.	Grassy Lake	41	N.E. ¼	7-28-19-4	1940	1941
24	Big Island Coal Co.	Edmonton South	15	L.S. 8	26-9-13-4	1897	1897
25	Banach & Hoynak	Edmonton South	15	L.S. 14	20-51-25-4	1897	1899
26	Bailey Robert	St. Albert	15	South Sask. River	Domestic	1897	1898
34	Bangs, J. A.	Lineham	30	Near S. Albert	Domestic	1897	1900
45	Baldwin, J.	Edmonton	15	L.S. 3	34-19-3-5	1900	1905
46	Bush Mine Coal Co., Ltd., The	Beverly	15	Near Edmonton	Domestic	1905	1925
72	Blackfoot Indians	Gleichen	17	R.L. 42, Edmonton	Domestic	1902	1908
✓ 117	Bohanley, C. F.	Three Hills	6	Indian Reserve	Domestic	1906	1915
✓ 137	Bennett, Isaac	Reid Hill	9	L.S. 10	22-31-24-4	1907	1913
✓ 143	Bell, W. J.	Bowville	9	N.W. ¼	4-16-21-4	1907	1913
164	Belmont Coal Co., Ltd., The	Edmonton	15	N.E. ¼	25-14-22-4	1908	1908
176	Bradshaw Mining Company	Nevis	1	L.S. 7	24-53-24-4	1908	1927
✓ 189	Beaver Mine Company	Magrath	20	S.E. ¼	11-39-22-4	1908	1913
✓ 199	Burdett City Coal Co.	Carbon	6	L.S. 6	7-29-22-4	1909	1925
206	Bennett, Isaac	Beaver Mines	12	L.S. 10	3-6-2-5	1909	1940
224	Berford, Edward	Burdett	41	L.S. 2	23-16-12-4	1909	1910
✓ 234	Baker, Hoge & Baker	Arnada	9	L.S. 11	32-18-21-4	1910	1917
✓ 252	Bawif Collieries, Ltd., The	Taber	41	L.S. 11	10-46-18-4	1910	1917
✓ 254	Banner Coal Co., Ltd.	Eyremore	5	L.S. 5	11-17-17-4	1910	1913
✓ 240	Bitterman, Jacob	Cardiff	15	L.S. 13	24-55-25-4	1910	1916
✓ 245	Bish Bros.	Forestburg	8	N.W. ¼	32-39-13-4	1910	1923
✓ 248	Brazeau Collieries, Ltd.	Hastings Coulee	8	L.S. 4	36-40-16-4	1910	1913
256	Big Chief Coal Mining Co., Ltd.	Nordgett	25	L.S. 13	1-41-16-4	1910	1913
288	Baines, Herbert	Kimball	21	N.W. ¼	22-40-15-5	1911	1916
✓ 289	Bignell, E. L.	Gadsby	8	S.E. ¼	9-1-25-4	1911	1911
300	Bullock Coal Mining Company	Pincher Creek	32	L.S. 11	28-39-16-4	1911	1913
✓ 302	Battle River Collieries, Ltd.	Rosenroll	5	L.S. 11	16-6-30-4	1911	1917
					7-46-18-4		

305	Bonnybrae Coal & Quarries, Ltd.	Cochrane	23	6-25-4-5	Sub-Bituminous	1911	1912
306	Bennie, James Scott	Lucky Strike	22	3-8-11-4	Domestic	1914	1914
345	Consolidated with No. 732	Bow Island	41	6-8-10-4	Domestic	1912	1919
356	Brown, Moses	Medicine Hat	34	28-12-7-4	Domestic	1912	1916
364	Big Valley Collieries, Ltd.	Big Valley	32	1-36-20-4	Domestic	1912	1927
365	British Collieries, Ltd.	Red Deer	24	43-20-5	Domestic	1912	1927
372	Bathurst Mining Co., Ltd.	Diamond City	20	44-21-5	Bituminous	1912	1913
388	Bighorn & Saunders Creek Coll., Ltd.	Saunders	36	5-10-21-4	Domestic	1912	1915
391	Block Coal Collieries, Ltd.	Block Coal	41	9-24-40-13-5	Sub-Bituminous	1913	1916
401	Black, William	Lucky Strike	22	19-10-16-4	Domestic	1913	1916
404	Bergran, F.	Halkirk	8	10-3-11-4	Domestic	1913	1914
416	Consolidated with No. 433	Lineham	30	18-39-15-4	Domestic	1913	1915
428	Burns Coal Mines, Ltd., P.	Calgary	19	2-20-3-5	Sub-Bituminous	1913	1920
429	Banner Coals, Ltd.	Carbondale	15	14-19-6-5	Domestic	1913	1919
433	Blue Diamond Coal Co., Ltd.	Brule	14	8-55-24-5	Bituminous	1914	1928
435	Blacklock, David B.	Black Diamond	22	16-50-27-5	Sub-Bituminous	1914	1920
436	Bye, E. F.	Lucky Strike	22	2-20-3-5	Domestic	1914	1914
437	Brookwick, Alexander	Pincher Creek	22	16-3-12-4	Domestic	1914	1918
456	Brooks, Edmund J.	Hillspring	12	17-5-1-5	Domestic	1914	1914
457	Bradley & Watson	Pincher Creek	32	13-4-28-4	Domestic	1914	1914
476	Blusson, R. H.	Champion	39	16-6-30-4	Sub-Bituminous	1914	1914
485	Black Diamond Oil Fields, Ltd.	Lineham	30	33-15-23-4	Domestic	1915	1929
619	Bail, Matthew	Breda	2	29-19-4-5	Sub-Bituminous	1915	1915
635	Blair, John N.	Delburne	2	10-35-21-4	Domestic	1915	1916
647	Briscoe, Frank	Hillspring	1	7-38-24-4	Domestic	1916	1924
648	Beacon Coal Co. Ltd.	Coalspur	21	3-4-27-4	Domestic	1916	1918
655	Brown, Samuel H.	Halcoourt	11	23-48-21-5	Sub-Bituminous	1916	1930
659	Bennett, Isaac	Armada	9	21-70-10-6	Domestic	1916	1918
689	Bragdich, George	Thelma	28	29-16-21-4	Domestic	1916	1918
700	Brooks & King	Elean	41	18-7-2-4	Domestic	1917	1937
707	Bush Mines, Ltd.	Beverly	15	10-10-17-4	Domestic	1917	1917
716	Bare, W. R.	Maycroft	35	Settlement	Domestic	1917	1917
724	Burns, S. H.	Round Hill	35	Edmonton	Sub-Bituminous	1917	1919
731	Bray, E.	Alix	1	27-10-3-5	Domestic	1917	1926
732	Breeding, Samuel B.	Maleb	41	14-48-18-4	Domestic	1918	1932
755	Briscoe, Frank	Cardston	21	33-38-23-4	Domestic	1918	1923
757	Bow City Coal Co.	Eyremore	31	6-8-10-4	Domestic	1918	1921
774	Britannia Collieries, Ltd.	Wabamun	3	34-3-26-4	Domestic	1918	1921
779	Boundary Coal Company	Pincher Creek	32	32-11-17-4	Domestic	1918	1918
780	Brooks, C. T.	Bow Island	42	8-53-4-5	Domestic	1918	1921
781	Bow City Coal Co.	Eyremore	32	17-6-30-4	Sub-Bituminous	1918	1921
786	Burns Coal Mines, Ltd., P.	Calgary	19	12-12-11-4	Domestic	1918	1926
804	Betts, Alma	Calgary	3	32-16-17-4	Domestic	1918	1921
842	Battie, Jas. A.	Manyberries	13	14-19-7-5	Sub-Bituminous	1918	1923
857	Berlanda, John	Bassano	28	18-3-6-4	Domestic	1919	1921
875	Baxter, Robt. & E. F.	Standard	17	34-20-19-4	Domestic	1920	1927
895	Bowden, E. S.	Rocky Mountain House	41	11-25-22-4	Domestic	1920	1921
897	Bryan Coal Company	Lovettville	11	21-39-7-5	Sub-Bituminous	1921	1922
				16-11-16-4	Domestic	1921	1922
				17-47-19-4	Sub-Bituminous	1921	1923

1347	Brown & Teer	Sangudo	L.S. 15	9-56-7-5	Domestic	1931	1935
1348	Bray & Walton	Mayerthorpe	L.S. 13	6-58-9-5	Domestic	1931	1932
1349	Bradley, James	Foreman	L.S. 16	28-40-16-4	Domestic	1931	1933
1350	Barwell & Newson	Champion	L.S. 6	17-15-21-4	Domestic	1931	1933
1356	Beverly Coal Co., Ltd.	Edmonton	L.S. 6	13-53-24-4	Domestic	1931	1934
1412	Bentley, Timothy	Seba Beach	L.S. 7	5-53-5-5	Domestic	1933	1934
1416	Bordula, A. J.	Hanna	L.S. 9	19-29-14-4	Domestic	1933	1941
1436	Burton, Mrs. A. A.	Rosedale Station	L.S. 12-13	20-28-19-4	Domestic	1933	1936
1469	Ball & Partners	Faust	L.S. 16	21-73-8-5	Domestic	1934	1936
1471	Beairston & Partners	Holborn	L.S. 1	3-51-1-5	Domestic	1934	1936
1478	Brearley, Grenda & Koskewich	Turin	L.S. 4	11-12-19-4	Domestic	1935	1936
1505	Berry, F. C.	Holborn	L.S. 1	34-50-1-5	Domestic	1937	1939
1530	Brehm Coal Co.	Leduc	S.W. 1/4	35-50-26-4	Domestic	1937	1939
1540	Bye, E. L.	Lucky Strike	L.S. 5	35-2-12-4	Domestic	1938	1941
1578	Bish Bros.	Forestburg	L.S. 15	36-40-16-4	Domestic	1941	1940
1550	Burnham, Geo.	Edmonton	L.S. 10-15	29-51-25-4	Domestic	1938	1940
1552	Burnham, Weeks & Waterhouse	Rochester	L.S. 9-16	13-62-24-4	Domestic	1939	1941
✓ 2	Cannore Mines, Ltd., The	Cannore	L.S. 1	29-24-10-5	Bituminous	1891	1935
3	Canadian Pacific Railway Co., No. 3	Hardieville	L.S. 13-15	6-9-21-4	Domestic	1895	1924
9	Clover Bar Mine Coal Co.	Beverly	L.S. 2	18-9-21-4	Domestic	1908	1935
14	Consolidated with No. 9	Beverly	L.S. 1	18-53-23-4	Domestic	1897	1923
32	Cardiff Coal Co.	Cardiff	L.S. 11	18-53-23-4	Domestic	1902	1923
44	Carpenter, Elia	St. Albert	S.W. 1/4	17-55-25-4	Domestic	1897	1939
62	Cresswell, Chas	Medicine Hat	L.S. 3	5-13-6-4	Domestic	1906	1936
63	Cameron, John	Okotoks	None given	19-26-11-5	Sub-Bituminous	1902	1904
✓ 80	Canadian Pacific Railway Co.	Bankhead	River Lot 18	2-9-25-4	Domestic	1903	1923
83	Consolidated Coal Mining Co.	Medicine Hat		19-26-11-5	Domestic	1905	1907
89	Cameron, John	Edmonton		19-26-11-5	Domestic	1906	1906
121	Carbon Brick & Coal Company	Carbon		19-26-11-5	Domestic	1906	1909
132	City of Lethbridge	Lethbridge	L.S. 7	36-8-22-4	Domestic	1909	1941
207	Carbon Hill Coal & Coke Co.	Spokane	L.S. 3-4-9	10-6-3-5	Bituminous	1899	1913
230	Cousins, R. W. K.	Cochrane	S.W. 1/4	6-26-4-5	Domestic	1910	1910
240	Chinook Coal Co., Ltd.	Commerce	L.S. 7	12-10-22-4	Domestic	1910	1925
267	Connor Coal Mining Co., Ltd.	Wabamun	N. 1/2	4-53-4-5	Domestic	1910	1916
282	Campbell & Hughes	Sheerness	L.S. 2	19-29-12-4	Domestic	1910	1934
271	Coghill & Hughes	Milk River	L.S. 5	26-2-16-4	Domestic	1911	1927
293	Coal Securities, Ltd.	Frank	6-7-2-4-5	33-48-21-5	Bituminous	1911	1913
✓ 339	Collins, James A.	Coalspur	L.S. 14	2-29-20-4	Domestic	1912	1913
349	Callie Coal Co., Ltd.	Drumheller	S.W. 1/4	25-57-25-4	Domestic	1912	1923
351	Chiarello, Frank	Legal	L.S. 13	2-25-22-4	Domestic	1912	1928
360	Castella Bros.	Standard	L.S. 9	12-48-20-4	Domestic	1912	1928
✓ 374	Canadian Dinant Coal Co., Ltd., The	Dinant	L.S. 3	36-31-24-4	Domestic	1913	1913
✓ 384	Canadian Dinant Coal Co., Ltd., The	Three Hills	S.W. 1/4	17-55-24-4	Domestic	1913	1915
386	Cameron Bros.	Namao	N.W. 1/4	28-39-16-4	Domestic	1913	1916
387	Cable Bros. & Williams	Gadsby	S.E. 1/4	8-55-24-4	Domestic	1913	1915
420	Clarke & Davis	Namao	L.S. 5	9-29-20-4	Domestic	1914	1915
✓ 422	Commander Coal Company	Drumheller	E. 1/2	30-52-4-5	Domestic	1914	1917
424	Consumers Coal Co., Ltd.	Wabamun			Domestic	1914	1917

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of	
					Opening	Re-opening
✓ 438	Curren, J. D.	Bariff	7	L.S. 1	1914	1918
443	Chinook Coal Co., Ltd.	Sheerness	38	33-25-11-5	1914	1918
✓ 459	Chambers, David	Swallowell	6	12-29-13-4	1914	1923
✓ 473	Cooke, W. R.	Morrin	6	15-30-23-4	1915	1916
✓ 492	Cattenach, Donald	Garden Plain	38	28-31-21-4	1915	1915
✓ 495	Consolidated with No. 1254	Lousana	2	12-29-13-4	1915	1925
✓ 498	Carter, M. M.	Castor	8	12-36-22-4	1915	1923
✓ 499	Cambrian Coal Co.	Elcan	41	6-37-15-4	1915	1921
629	Calgary Copper Co., Ltd.	Calgary	3	4-10-17-4	1915	1921
657	Coldren, Earl	Peace River	18	28-83-21-5	1916	1919
✓ 660	Christopher, I. F.	Gadsby	8	28-39-16-4	1916	1918
✓ 665	Chiswick & Anderson	Gadsby	8	21-39-16-4	1916	1922
✓ 675	Connet Coal Co. Ltd., The	East Coulee	14	28-27-18-4	1916	1937
✓ 680	Chapman, George	Erskine	1	34-37-22-4	1917	1917
691	Cutland, A. J.	Grassy Lake	41	23-9-13-4	1917	1935
693	Cadomin Coal Co., Ltd.	Cadomin	24	5-47-23-5	1917	1917
✓ 695	Caledonian Collieries, Ltd., The	Drunheller	14	31-46-23-5	1917	1929
713	Cascade Coal Co.	Lethbridge	20	10-29-20-4	1917	1928
722	Christie Oil Co.	Calgary	23	36-8-22-4	1917	1918
✓ 726	Cotter, E. C.	Drunheller	14	18-26-5-5	1918	1918
✓ 744	Chaley, Mike	Wayne	14	12-28-19-4	1918	1918
761	Crawford Robert	Lethbridge	20	36-8-22-4	1918	1918
✓ 787	Carbonite Coal Co., Ltd.	Ardley	1	21-38-23-4	1918	1929
✓ 799	Cooper, Harry T.	Lousana	2	24-36-22-4	1919	1924
✓ 802	Cartwright & Thomason	Blainmore	12	34-7-4-5	1919	1930
✓ 836	Consolidated with No. 761	Lethbridge	20	36-8-22-4	1919	1923
✓ 867	Callie Coal Co.	Drunheller	14	1-29-20-4	1920	1921
✓ 932	Cloutman & Berghen	Gadsby	18	29-39-16-4	1921	1921
✓ 941	Creighton, J. J.	Champion	8	10-19-21-4	1921	1922
✓ 960	Campbell & Walton	Forestburg	9	31-40-15-4	1921	1925
✓ 965	Conrey Coal Company	Conrey	28	9-2-6-4	1921	1937
✓ 985	Cloakey, A. B.	Calgary	14	14-29-20-4	1922	1924
✓ 1002	Coal Valley Mining Co., Ltd.	Coal Valley	11	26-47-20-5	1922	1924
✓ 1006	Clarke, G. W.	Namao	15	4-55-24-4	1922	1923
✓ 1024	Clark, D. W., & Partners	Raymond	20	7-7-21-4	1922	1923
✓ 1032	Campbell, C. C.	Delburne	1	3-38-22-4	1922	1937
✓ 1036	Campbell & Walton Bros.	Forestburg	8	31-40-15-4	1922	1923
✓ 1036	Cloutman, J. C.	Gadsby	8	3-40-16-4	1922	1929
✓ 1046	Cordell, J. F.	Hakirk	8	20-40-15-4	1922	1922
✓ 1059	Collins, W.	Edmonton South	15	25-51-25-4	1922	1923
✓ 1071	Carroll & Barrell	Erskine	1	10-38-22-4	1923	1924

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LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location		Date of	
						Opening	Re-opening
362	Duell, Richard	Longview	30	L.S. 15	Sub-Bituminous	1912	1916
395	Denboer, H.	Picture Butte	20	S.W. 1/4	Domestic	1913	1930
399	Douglas, Roy	Prosby	41		Domestic	1913	1932
425	Depey & Millar	Raymond	21	8-5-20-4	Domestic	1914	1914
433	Davis & Brown	Picher Creek	32	27-5-29-4	Sub-Bituminous	1914	1915
463	Dennis, Wilson	Maycroft	32	31-10-2-5	Sub-Bituminous	1914	1915
466	Donald, Alfred	Craigville	38	3-33-16-4	Domestic	1915	1928
495	Donaldson, Christopher	Commerce	20	N.W. 1/4	Domestic	1915	1916
611	Darce & Bros., Lewis	Hanna	38	L.S. 5	Domestic	1915	1927
614	Dietrich Bros. & Johnson	Forestburg	8	L.S. 4	Domestic	1915	1916
641	Davies, Evan I.	Milk River	22	L.S. 4	Domestic	1916	1916
735	Dickinson, Knight & Dickinson	Nanton	30	L.S. 14	Sub-Bituminous	1918	1923
753	Dickinson, Knight & Dickinson	Carbondale	15	L.S. 15	Domestic	1918	1923
815	Denio, Ernest	Rosebud	14	L.S. 1	Domestic	1919	1922
860	Duchess Coal Co.	Calgary	40	S.E. 1/4	Domestic	1920	1923
885	Dick & Pickering	Bassano	40	L.S. 11	Domestic	1921	1925
909	Dunn & Shawcross	Taber	41	L.S. 14	Domestic	1921	1935
924	DePaoli Bros.	Cayley	30	L.S. 14	Sub-Bituminous	1921	1926
944	Dunlop, Z. A.	Etzikom	41	N.E. 1/4	Domestic	1921	1922
970	Dimmer, Matt.	Trochu	6	L.S. 16	Domestic	1922	1922
992	Donaldson Coal Co., C. S.	Lethbridge	20	L.S. 3	Domestic	1922	1922
1004	Dixon Bros.	Longview	30	L.S. 3	Sub-Bituminous	1922	1935
1067	Davenport, Joseph	Cluny	17	S.W. 1/4	Domestic	1922	1924
1080	Dunlop, Z. A.	Etzikom	17	L.S. 2	Domestic	1922	1924
1119	Drocuik, Samuel	Halcourt	18	L.S. 1	Domestic	1923	1925
1145	Dunn Bros.	Taber	41	L.S. 1	Domestic	1923	1925
1159	Davies, Stephen	Alexo	36	L.S. 1	Domestic	1924	1925
1231	Davies & Partners	Longview	32	L.S. 15	Sub-Bituminous	1924	1925
1255	Dixon, J. O.	Lundbreck	30	L.S. 13	Sub-Bituminous	1926	1934
1260	Dunbar, R.	Hinton Trail	18	L.S. 7	Sub-Bituminous	1927	1931
1270	Dawson, Jas. G.	Lochvale	28	L.S. 6	Domestic	1927	1929
1321	Delmas, Henry	Thelma	28	L.S. 4	Domestic	1927	1935
1334	Davies & Webster	Picher Creek	32	S.E. 1/4	Sub-Bituminous	1930	1932
1366	Down, Fred	Craigville	14	L.S. 2	Domestic	1931	1932
1389	Deep Seam Coal Syndicate	Edmonton	15	S.E. 1/4	Domestic	1932	1934
1423	Degaust, Rowley & Fisher	Lethbridge	20	S.W. 1/4	Domestic	1932	1934
1425	D'Arcy, Wm. H.	Hanna	38	L.S. 6	Domestic	1933	1939
1430	Dundalk Coal Company	Willow Creek	14	L.S. 11	Domestic	1933	1934
1442	Dunbar & Son, Jas.	Hinton Trail	18	L.S. 3 & 6	Domestic	1933	1934
1450	Daley, L. R.	Bittern Lake	5	L.S. 5-6	Domestic	1933	1935
1452	Dania Coal Company	Standard	17	L.S. 10	Domestic	1934	1935

1468	Davis, Anderson & Chiswick	Haltirk	8	L.S. 9	29-39-16-4	Domestic	1934	1936
1476	Dickinson, Knight & Dickinson	Carbonade	15	N.W. 1/4	9-55-24-4	Domestic	1935	1938
1483	Dixon Bros.	Longview	30	L.S. 4	16-18-2-5	Sub-Bituminous	1935	1938
1516	Davies, G. C.	Priddis	30	L.S. 10	4-22-3-5	Sub-Bituminous	1937	1940
1539	Dunbar & Partners	Hinton Trail	18	L.S. 2	21-70-10-6	Domestic	1938	1941
10	Edmonton Coal Co.	Edmonton	15	R. Lots 2 & 22		Domestic	1897	1904
20	Elliott & Louisberg	Edmonton	15	None given		Domestic	1897	1904
50	Edmonton Coal Co., Ltd.	Edmonton	15	River Lot 20		Domestic	1901	1908
68	Evans & Robinson	Edmonton	15	River Lot 25		Domestic	1902	1905
82	Evans & Connelly	Taber	41	L.S. 11	8-10-16-4	Domestic	1897	1931
118	Evans, John	Medicine Hat	34	S.E. 1/4	5-13-9-4	Domestic	1906	1907
130	Elean Valley Collieries, Ltd.	Elean	41	Sec.	3-4-10-17-4	Domestic	1907	1916
213	Ervin S.	Grassy Lake	41	S. 1/2	8-16-23-4	Domestic	1909	1914
218	Consolidated with 286	Champion	9	L.S. 8	19-10-16-4	Domestic	1910	1915
228	Evans & Son	Taber	41	L.S. 8	32-2-15-4	Domestic	1910	1913
259	Erickson Bros.	Milk River	22	S.W. 1/4	24-12-8-4	Domestic	1910	1915
410	Ernsign, H. F.	Whitla	34	L.S. 8	7-43-17-4	Domestic	1913	1915
622	Ewing Brothers	Rosalind	8	L.S. 8		Domestic	1915	1922
628	Eldon Mining Co., Ltd.	Eldon	38	South of Eldon	24-28-18-4	Domestic	1915	1922
725	Edmonson, Mrs. M. M.	Delia	38	L.S. 12	34-28-13-4	Domestic	1918	1925
784	Engstrom, Nels F.	Rose Lynn	38	L.S. 1	2-29-20-4	Domestic	1918	1925
819	Elgin Coal Co., Ltd.	Drumheller	14	L.S. 14		Domestic	1919	1941
869	Edina Coal Co., Ltd.	Edmonton	15	River Lot 26		Domestic	1920	1937
870	Erickson, George	Donalda	8	S.W. 1/4	13-43-18-4	Domestic	1920	1922
873	Ernders, Geo. H.	Heisler	8	L.S. 7	34-42-17-4	Domestic	1920	1922
880	Edmonson, A.	Delia	38	L.S. 3-4	24-28-18-4	Domestic	1920	1922
893	Evans, Hugh	Lethbridge	20	L.S. 1	16-10-21-4	Domestic	1921	1921
910	Ellis, James	Champion	20	L.S. 1	4-16-23-4	Domestic	1921	1933
1039	Edwards, N.	Craigville	38	L.S. 2	3-33-16-4	Domestic	1922	1934
1154	Elgin Coal Co., Ltd.	Wayne	14	S.E. 1/4	2-28-20-4	Domestic	1924	1927
1224	Edwards, Mark	Champion	14	L.S. 13	32-15-23-4	Domestic	1926	1926
1243	Eastwood, Sam	Donalda	8	L.S. 16	8-42-18-4	Domestic	1926	1929
1266	Edmonton Collieries, Ltd.	Namao	15	L.S. 14	36-54-25-4	Domestic	1927	1929
1279	Empire Collieries, Ltd.	East Coulee	14	L.S. 6	7-28-18-4	Domestic	1928	1934
1297	Empire Collieries, Ltd.	Edmonton	15	L.S. 1	26-51-25-4	Domestic	1929	1939
1299	Empire Collieries, Ltd.	East Coulee	14	L.S. 2	22-27-18-4	Domestic	1929	1939
1317	Evans & Hutchinson	Taber	41	L.S. 9	19-10-16-4	Domestic	1929	1939
1323	Embrey, Robert	Bragg Creek	14	L.S. 8	28-22-4-5	Sub-Bituminous	1930	1933
1362	Empire Collieries, Ltd.	Willow Creek	30	L.S. 9	37-28-18-4	Domestic	1931	1933
1451	Everington, Sam	Holborn	31	L.S. 8	33-51-1-5	Domestic	1934	1935
1495	Entwistle Coals, Ltd.	Entwistle	31	N.W. 1/4	34-53-7-5	Domestic	1936	1936
1502	Eastern Securities, Ltd.	St. Paul	27	L.S. 9-16	22-55-10-4	Domestic	1936	1936
1519	Esteban & Partners	Priddis	30	L.S. 2	33-22-3-5	Sub-Bituminous	1937	1940
1582	Egg Lake Coal Co.	Morinville	15	N.E. 1/4	36-56-26-4	Domestic	1941	1941
8	Fudge, F.	Clover Bar	15	N.E. 1/4	7-53-23-4	Domestic	1903	1922
48	Franco-Canadian Collieries, Ltd.	Frank	12	N.W. 1/4	30-7-3-5	Bituminous	1900	1918
90	Fraser-MacKay Collieries, Ltd.	Clover Bar	15	S.E. 1/4	36-7-4-5	Bituminous	1900	1918
				L.S. 13-14	8-53-23-4	Domestic	1904	1940

1256	Fridel, W.	Edmonton South	15	L.S. 12-13	Domestic	1927
1277	Fridel, W.	Edmonton South	15	L.S. 14	30-51-24-4	1928
1284	Fife, Byrnes, Wilson & Peters	Willow Creek	14	L.S. 4-5	13-52-25-4	1928
1292	Fuller, Alfred	Nacmine	14	L.S. 6	16-28-18-4	1929
1294	Finkbinder, Harry & Rudolph	Scapa	38	L.S. 1	14-28-21-4	1929
1303	Fry & Graf	Donalda	8	L.S. 12	36-33-14-4	1941
1355	Fife Coal Co., Ltd.	Carbon	6	L.S. 14	16-42-17-4	1932
1375	Fraser & Partners	Duchess	40	L.S. 2	14-29-23-4	1932
1422	Fox, Alfred	Nevis	1	L.S. 7	34-21-14-4	1931
1481	Falvo & Partners	Picardville	1	L.S. 1	11-39-22-4	1934
1515	Foye, E. B.	Willow Creek	14	L.S. 10	9-59-26-4	1935
1531	Fraser & Dunbar	Halcourt	18	L.S. 13	22-28-18-4	1937
1566	Flat Creek Coals, Ltd.	Calgary	19	E. 1/2	21-70-10-6	1939
					Bituminous	
13	Gibbard, W., & Boutwell, Ed.	Namao	15	S.W. 1/4	17-55-24-4	1901
27	Gough & O'Neill	St. Albert	35	Sturgeon River	Domestic	1898
35	Gillespie Bros.	High River	30	N.E. 1/4	Sub-Bituminous	1898
58	Great Northern Railway	Pincher Creek	32	None given	Sub-Bituminous	1906
67	Gallagher & Hull	Edmonton	15	None given	Domestic	1902
89	Great West Coal Co., Ltd., The	Clover Bar	15	L.S. 10	Domestic	1903
127	Great West Coal Co., Ltd., The	Edmonton	15	R.L. 7	Domestic	1914
165	Garneau, Larry, Jr.	Redcliff	34	L.S. 14	Domestic	1908
184	Good, Rola B. & Gibb	Pincher Creek	32	N.W. 1/4	Domestic	1908
200	Geddes, Day & Gibb	Medicine Hat	34	S.E. 1/4	Sub-Bituminous	1909
211	Green, H. V. Collieries, Ltd.	Halkirk	8	N.W. 1/4	Domestic	1911
231	Georgetown, Sebb	Lucky Strike	22	L.S. 9 1/4	18-39-15-4	1914
278	Great West Coal Co., Ltd., The	Edmonton	15	S.W. 1/4	16-3-12-4	1916
283	Gibson, George	Grassy Lake	41	S.W. 1/4	Domestic	1911
294	Ginther, F. M.	Medicine Hat	41	S.W. 1/4	6-53-23-4	1915
316	Gibson, Jos. C.	Cardston	31	L.S. 12	25-9-13-4	1913
336	Gardner, R.	Medicine Hat	34		Domestic	1911
352	Ganford Collieries, Ltd.	Ganford	31		26-2-26-4	1937
359	Grant, John A.	Black Diamond	30		3-10-16-5-4	1912
377	Gibson, George	Grassy Lake	41		Domestic	1914
478	Giamarino, N.	Delia	38	L.S. 4	Domestic	1913
487	Giedd, Fred	Dowling Lake	38	L.S. 12-13	21-19-2-5	1941
✓ 603	Griffiths, Evan	Donalda	8	L.S. 2	25-9-13-4	1915
✓ 623	Gordon, D. R.	Trochu	6	N.E. 1/4	3-33-16-4	1915
645	Gwilliam, D. J.	Namao	15	N.E. 1/4	Domestic	1915
658	Gibson & Sons, Jos. C.	Cardston	21	S.W. 1/4	32-33-22-4	1916
687	Gibson, Samuel	Grassy Lake	41	S.W. 1/4	Domestic	1916
747	Gauge, Jesse	Cluny	17	L.S. 1	15-1-26-4	1916
797	Gutche, Fred	Edmonton South	15	L.S. 7	Domestic	1939
✓ 801	Garrick, John	Drumheller	14	S.E. 1/4	30-21-20-4	1917
✓ 898	Gibson Collieries, Ltd.	Drumheller	14	L.S. 3	Domestic	1918
✓ 976	Gatine, R.	Hesketh	6	L.S. 6	8-51-25-4	1919
✓ 980	Guss, John N.	Alix	1	N.E. 1/4	Domestic	1919
1013	Goodie, Philip	Foremost	22	N.E. 1/4	2-28-20-4	1921
				S.W. 1/4	Domestic	1922
				L.S. 4	7-29-21-4	1922
					Domestic	1922
					3-39-22-4	1923
					Domestic	1923
					36-6-12-4	1923

THE MINES BRANCH

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location		Date of	
						Opening	Re-opening
1040	Garner, Arthur	Hillspring	21	L.S. 15	3-4-27-4	1922	1924
1138	Geddes, W.	Little Plume	28		2-9-5-4	1924	1928
1149	Grainger Collieries, Ltd.	Gap Siding	7		11-24-10-5	1924	1926
1197	Graf & Shand	Cardiff	15	S.W. 1/4	24-55-25-4	1925	1934
1200	Gouge, Jesse	Kilpatrick	14	L.S. 3	24-29-21-4	1925	1927
1237	Gordon, D. L.	Halkirk	8	L.S. 11	8-39-15-4	1926	1940
1271	Gibb, Armour	Gadsby	8	L.S. 10	28-39-16-4	1927	1931
1332	Gibb, Bruce	Hillspring	21	L.S. 2	35-4-28-4	1930	
1406	Garred Laverne W.	Pakan	27	L.S. 4-5	6-58-16-4	1932	
1410	Grudzinski & Young	Hualen	18	L.S. 14	8-70-9-6	1933	1934
1411	Gaetz Smith & Young	Halkirk	8	L.S. 6	19-39-15-4	1933	1935
1443	Gibney & Maus	Dimsdale	18	L.S. 4	22-70-7-6	1933	1934
1447	Grover, E. O.	Endiang	8	L.S. 11-12	16-37-15-4	1933	1934
1496	Grillman, D. J.	Namao	15	L.S. 3	6-55-24-4	1936	
1534	Gill, Peter	Thorsby	45	L.S. 7	3-48-27-4	1938	
1551	Gwynne Coal Co., The	Gwynne	45	S.E. 1/4	22-46-27-4	1938	
1568	Gibney, Francis	Grande Prairie	18	L.S. 12-13	36-70-7-6	1939	1941
1571	Greig & Rosalind	Kavanagh	45	L.S. 12	20-48-25-4	1940	1940
1574	Gordon, D. L.	Nevis	1	L.S. 2	2-39-22-4	1940	
6	Humberstone, William	Edmonton	15	R. L. 12 Edmonton Settlement		1896	1905
17	Holloway, R.	Edmonton South	15	Big Island		1899	1899
40	Hilcrest Collieries, Ltd.	Hilcrest	12	L.S. 16	18-7-3-5	1905	1940
54	Hamilton Coal Co., J. J.	Lethbridge	20	L.S. 5	36-8-22-4	1902	1941
92	Hamilton, J. K.	Lethbridge	20	L.S. 8	31-9-21-4	1904	1922
109	Harper Coal Company	Edmonton	15	River Lot 22		1906	1910
133	Hilcrest Mohawk Collieries, Ltd.	Bellevue	12	S.E. 1/4	21-7-3-5	1907	
134	Henderson, S. G.	Lomond	9	L.S. 9	29-16-21-4	1907	1938
171	Hanna & Moe	Taber	41	S.E. 1/4	27-9-16-4	1908	1909
181	Hart, Edward	Taber	41	S.E. 1/4	11-10-17-4	1908	1917
209	Head Syndicate, Ltd.	Burnis	12		9-10-7-4-5	1909	1913
214	Halbert, William	Three Hills	6		22-31-24-4	1909	1915
254	Heighes, George	Lethbridge	20	S.E. 1/4	27-10-21-4	1910	1914
272	Hutchison, John S.	Bow Island	41	N.E. 1/4	15-9-11-4	1911	1915
274	Halkirk Collieries	Halkirk	8	L.S. 3	30-38-15-4	1911	1913
279	Holliger, Eugene	Milk River	22	L.S. 8	1-3-16-4	1911	1928
325	Hallett, Thomas	Castor	8	N.E. 1/4	4-38-14-4	1911	1921
329	Heaney, John	Castor	8	N.E. 1/4	4-38-14-4	1911	1921
335	Hutchison, W. S.	Drumheller	14		14-29-20-4	1912	1915
365	Holmes, Joseph	Grassy Lake	41	None given		1912	1913
373	Hedrich, William	Trochu	6	S.E. 1/4	20-33-23-4	1912	1913
380	Halliday, George W.	Della	38		28-30-17-4	1912	1918

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LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of		
					Opening	Abandonment	Re-opening
1283	Halbert Bros.	Trochu	6	L.S. 8	1928		
1283	Harwood & Noble	Cardston	22	L.S. 8	1929	1930	
1309	Herron, W. S.	Bragg Creek	30	L.S. 7	1929	1931	
1325	Howden, A. B.	Magnolia	31	L.S. 8	1930	1932	
1343	Haden, Joseph	Castor	8	L.S. 3	1930	1934	1939
1356	Harvey, D. W.	Hanna	38	L.S. 3	1931	1933	
1364	Henderson, J.	Lomond	9	L.S. 3	1931	1933	
1368	Holton, Joseph	Taber	41	L.S. 9	1931	1933	
1369	Hoving & Marsh	Irvine	34	L.S. 4	1931	1934	
1374	Hugo Bros.	Ghost Pine Creek	2	L.S. 5	1931	1934	
1376	Halbert, Robert	Trochu	18	L.S. 7	1932	1933	
1408	Hugel, Adolph	Grande Prairie	14	L.S. 3-4	1933	1933	
1424	Hy-Grade Coal Mining Co., Ltd.	Drumheller	38	L.S. 13	1933	1933	
1426	Harvey, D. W.	Hanna	15	L.S. 2-7	1933	1933	
1429	Hulbert, Wilson & Severson	Namao	9	N.E. 1/4	1933	1933	
1434	Hornberger, Ray	Lomond	9	L.S. 9	1933	1933	
1454	Herbaut, Mrs. Aline	Champion	41	L.S. 16	1934	1935	
1503	Howells & Partners	Barnwell	31	L.S. 15	1934	1935	
1518	Hodgkinson, J. A.	Evansburg	31	L.S. 7	1936	1936	
1526	Haley & Hamm	Lomond	3	N.W. 1/4	1937	1939	
1533	Horz, Louis E.	Evansburg	31	L.S. 3	1937	1939	
1546	Hutcheson & Moss	Wembley	31	L.S. 4-5	1938	1941	
1557	Hutchinson & Hirny	Darling	20	L.S. 2	1939	1941	
1577	Hamilton Coal Co., J. J.	Lethbridge	20	L.S. 11	1941	1941	
1581	Hamilton Coal Co., J. J.	Lethbridge	20	L.S. 11	1941	1941	
J 88	International Coal & Coke Co., Ltd.	Coleman	12	L.S. 11	1903		
111	Irvine, Thomas	Elean	41	N. 1/4	1910	1910	
114	Independent Coal Co., Ltd. The	Elean	41	S.E. 1/4	1906	1913	
138	International Land Development Co.	Winnifred	41		1906	1913	
159	Imperial Coal Co.	Taber	41		1907	1910	
J 748	Ivey, John Co., Ltd.	Drumheller	14	S. 1/2	1917	1918	
1844	Ideal Coal Co., Ltd.	Wayne	14	L.S. 16	1920	1923	
1884	Iveson, J. Peter	Rainbow	38	L.S. 10	1922	1923	
1081	Irvine & Partner, Geo. I.	Calgary	41	L.S. 8	1923	1933	
1298	Indian Oils Ltd. (Consolidated with 1388)	Grassy Lake	30	L.S. 7	1929	1930	
1335	Ireland & Eisenger	Carbon	38	L.S. 16	1930	1930	
1379	Ironside, T. G.	Scapa	38	L.S. 5-12	1932	1933	
1398	Ironside & Glover	Scapa	38	L.S. 12	1932	1933	
1437	Independent Coal Co.	Nisku	15	L.S. 4	1933	1934	
269	James, C. K.	Halkirk	8	N.W. 1/4	1911	1913	

✓290	Jasper Park Collieries, Ltd.	Pochoontas	4	L.S. 9	6-49-27-5	Bituminous	1911	1921
312	James, C. K.	Gadsby	8	S.E. 1/4	28-39-16-4	Domestic	1911	1913
371	Jacobson, John	Bow Island	41	N.E. 8	21-12-10-4	Domestic	1912	1913
407	Jaynes, Robert	Milk River	22	N.E. 1/4	29-2-15-4	Domestic	1912	1915
✓441	Johnson & Hallgren	Hakirk	8	L.S. 6	18-36-15-4	Domestic	1914	1934
✓447	James, A. J.	Forestburg	32	L.S. 13	28-10-15-2	Domestic	1914	1915
462	Jeffrey, James	Maycroft	38	N.W. 1/4	22-10-2-5	Sub-Bituminous	1914	1915
470	Joberg, A. F.	Delia	38	L.S. 15	21-30-17-4	Domestic	1915	1915
✓471	James Isalah	Rumsey	2	L.S. 14	18-34-21-4	Domestic	1915	1937
482	Consolidated with No. 470 (A. F. Jobieb)	Scapa	38	L.S. 14	21-30-17-4	Domestic	1915	1937
490	Jensen & Small	Pendant D'Orfelle	38	L.S. 14	18-33-13-4	Domestic	1915	1931
642	Jennings, Peter P.	Pochoontas	28	L.S. 5	12-49-28-5	Domestic	1916	1919
683	Jasper Park Collieries, Ltd.	Grassy Lake	4	L.S. 9	27-9-13-4	Bituminous	1917	1917
686	Jackson, Alfred	Wayne	41	L.S. 11	18-28-19-4	Domestic	1918	1931
745	Jewel Collieries, Ltd.	Drumheller	14	L.S. 16	30-29-19-4	Domestic	1918	1935
✓746	Jones, Samuel A.	Heisler	8	L.S. 7	3-43-17-4	Domestic	1918	1935
✓793	James, Hiram	Carbon	6	N.E. 1/4	9-29-22-4	Domestic	1919	1920
✓841	Johnson, Chris.	Suffield	41	L.S. 10	28-12-10-4	Domestic	1920	1922
866	Johnson, Frank G.	Alliance	8	L.S. 3	36-40-13-4	Domestic	1921	1922
✓938	James, David	Trochu	6	L.S. 7	17-38-23-4	Domestic	1921	1923
✓991	Jackson, Anthony	Ardley	1	L.S. 16	33-39-23-4	Domestic	1922	1922
✓1018	Jones, Alex	Alix	1	L.S. 7	2-38-24-4	Domestic	1922	1924
1035	Jones & Williamson	Delburne	1	L.S. 1	32-40-15-4	Domestic	1922	1924
1048	Jackson, Thomas	Forestburg	1	L.S. 1	22-57-9-5	Domestic	1923	1923
1064	James, Samuel	Hutton	40	L.S. 9	31-23-14-4	Domestic	1923	1930
1070	Johnson & Carlson	Mayerthorpe	46	L.S. 10	7-38-24-4	Domestic	1924	1925
1100	Johnson, C. A.	Ardley	1	S.W. 1/4	33-43-18-4	Domestic	1924	1925
✓1130	Jones, John L.	Rosalind	8	L.S. 14	32-43-18-4	Domestic	1927	1937
✓1173	Jones & Bray	Edberg	8	L.S. 5	11-38-24-4	Domestic	1929	1940
✓1269	Jones, William	Haynes	1	L.S. 8	16-44-19-4	Domestic	1929	1940
✓1281	Johnson, Moses F.	Dinnin	33	L.S. 7	21-46-22-4	Sub-Bituminous	1930	1930
1296	Jasper Coal, Ltd.	Edberg	8	L.S. 8	7-43-17-4	Domestic	1931	1932
✓1341	Jones, William	Gwynne	45	L.S. 5	5-23-6-5	Domestic	1932	1935
1353	William	Rosalind	45	L.S. 9	4-48-27-4	Domestic	1933	1937
1394	Jones, William	Sundre	45	L.S. 13	17-42-17-4	Domestic	1935	1940
1448	Jones & Beveridge	Thorsby	8	L.S. 1-8	5-41-11-5	Domestic	1937	1937
1479	Greendale Coal Co.	Donsida	45	L.S. 8	7-53-23-4	Sub-Bituminous	1937	1937
1508	Jones & Williams	Rocky Mountain House	36	L.S. 4	19-28-5-5	Domestic	1902	1913
1543	Jack Fish Lake Coal Mine	Clover Bar	15	L.S. 16	8-18-2-5	Bituminous	1905	1913
69	Keith & Fulton	Carstairs	23	L.S. 14	7-53-23-4	Sub-Bituminous	1906	1921
103	Knowlton, G. H.	Longview	30	S.W. 1/4	10-17-17-4	Domestic	1906	1910
120	Kummer, William	Edmonton	15	N.W. 1/4	9-17-17-4	Domestic	1909	1915
125	Ketchum Coal Company	Eyremore	3	L.S. 13	17-38-23-4	Domestic	1910	1930
✓197	Consolidated with No. 226	Eyremore	3	L.S. 13	35-2-12-4	Domestic	1910	1933
✓226	Kleenbirt Collieries, Ltd.	Alix	2	L.S. 5	8-8-8-8	Domestic	1911	1933
✓255	Kurp, Carl	Lucky Strike	11	L.S. 5	6-3-11-4	Domestic	1912	1916
277	Kippen Mine Co.	Lucky Strike	22	L.S. 5		Domestic	1912	1932
333	Kovalce, Frank	Granlea	28	S.W. 1/4		Domestic	1913	1932
381	Kale, Mrs. Louise	Lucky Strike	22	L.S. 13		Domestic	1913	1932

THE MINES BRANCH

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of		Re-opening
					Opening	Abandonment	
440	Kaye, Herschel	Maycroft	32	N.E. ¼	1914	1916	.....
✓444	Kalin, John	Three Hills	6	L.S. 7	1914	1940	.....
480	Klump, Dan	Della	38	L.S. 6	1915	1915	.....
484	Krozler, John	Hutton	40	N.E. ¼	1915	1918	.....
626	Kelm, E.	Hanna	38	L.S. 1	1915	1921	.....
633	Kent, Johnson & Whitford	Bon Accord	15	N.E. ¼	1916	1918	.....
✓790	Kurp, B. C.	Delburne	1	.....	1918	1919	.....
-828	King, J. J.	New Norway	8	.....	1919	1925	.....
837	Kuhnert & Hiller	Edmonton South	15	L.S. 6	1919	1924	.....
839	Keats, J. W.	Standard	17	S.W. ¼	1919	1919	.....
✓840	Kleenbirm Collieries, Ltd.	Eyremore	3	S.E. ¼	1919	1932	.....
✓900	Kerrison, T. W.	Eyremore	3	L.S. 6	1921	1921	.....
✓917	Knee Hill Coal Co., Ltd.	Calgary	6	L.S. 3	1922	1922	.....
✓947	Kellough, W. D.	Latham	3	N.W. ¼	1921	1922	.....
-967	Kurp, B. C.	Delburne	1	.....	1921	1927	.....
-968	Kobi, Emil	Endiang	8	L.S. 8	1921	1924	.....
-988	Kerison, T. W.	Eyremore	3	S.W. ¼	1922	1925	.....
1038	Krozler, John	Duchess	40	L.S. 13	1922	1923	.....
1053	Kruse, Fred	Heisler	8	N.E. ¼	1922	1924	.....
1077	Kasper & Olsen	Bingville	16	L.S. 3	1923	1924	.....
✓1083	Kallevig, Andrew	Morrin	15	L.S. 12-13	1923	1924	.....
✓1099	Knie Coal Co., Ltd.	Leduc	15	L.S. 12	1923	1936	.....
✓1131	Kleenbirm Collieries, Ltd.	Eyremore	3	N.E. ¼	1924	1924	.....
✓1135	Kurp, Thos. J.	Delburne	1	L.S. 4	1924	1924	.....
1155	Kummer & Miller	Longview	30	L.S. 9	1924	1939	.....
1160	Keystone Collieries	Gairford	31	E. ½	1924	1924	.....
-1163	Karau, Mrs. Annie	Halkirk	31	L.S. 14	1924	1924	.....
1165	Consolidated with No. 381	Lucky Strike	22	L.S. 13	1924	1926	.....
1171	Keystone Collieries	Gairford	31	S.E. ¼	1924	1925	.....
-1193	Kneeland & Allen	Donald	8	S.W. ¼	1925	1925	.....
-1202	Kelsey Coal Mining Co.	Rosalind	8	L.S. 8	1925	1929	.....
1253	Keen, Herman	Leduc	15	L.S. 2	1926	1928	.....
-1313	Knight, Harry	Castor	8	L.S. 2	1929	1929	.....
✓1320	Kurp, Carl	Alix	1	L.S. 5	1930	1932	.....
-1329	Kleenbirm Collieries, Ltd.	Eyremore	3	L.S. 3	1930	1932	.....
✓1338	Knee Hill Coal Co., Ltd.	Ghost Pine Creek	6	L.S. 10	1930	1932	.....
1392	K-D Collieries, Ltd.	Kaydee	24	L.S. 8	1932	1932	.....
✓1404	Kleenbirm Collieries, Ltd.	Eyremore	3	L.S. 7	1932	1933	.....
1419	Klapstein & Opalinski	Edmonton South	15	L.S. 4	1933	1933	.....
1427	Kent Coal Co., Ltd.	Edmonton	15	S.W. ¼	1933	1933	.....
1482	Komperdo, G.	Millet	45	L.S. 6	1935	1941	.....
1501	Kuzik & Podall	Redwater	35	L.S. 15	1936	1936	.....

1514 1576	Kerr, Henry F. A. Kerr, James G.	Halcourt Lethbridge	18 20	L.S. 7 L.S. 13 L.S. 4	20-70-10-6 12-9-22-4 13-9-22-4	Domestic Domestic	1937 1941	1938
104	LeBlanc & Partners	Diamond City	20	L.S. 6	6-10-21-4	Domestic	1905	1930
126	Leitch Collieries, Ltd., The	Passburg	12		14-15-7-3-5	Domestic	1906	1915
131	Larson, Andrew	Travers	41	L.S. 9	4-10-17-4	Domestic	1907	1919
174	Lethbridge Collieries, Ltd.	Coalhurst	20	L.S. 2	21-9-22-4	Domestic	1908	1936
185	Long, D. H.	Bow Island	41	L.S. 7	36-11-11-4	Domestic	1909	1914
205	Lindquist, A. A.	Bow Island	41	L.S. 5	22-12-10-4	Domestic	1909	1913
309	Laarz, F. W.	Fraserston	38	S.E. 1/4	21-28-14-4	Domestic	1911	1921
319	Lakeview Coal Co.	Wabunan	31		29-32-4-5	Domestic	1911	1921
324	Lavenne, Jules	Winnifred	41	L.S. 5	22-12-10-4	Domestic	1911	1916
400	Lavenne, Jules	Winnifred	41	L.S. 5	21-12-10-4	Domestic	1913	1918
419	Lakeside Coals, Ltd.	Wabunan	31	L.S. 15	9-33-4-5	Domestic	1913	1915
467	Lancaster & Willan	Camrose	5		29-46-19-4	Domestic	1915	1938
601	Law, George	Onaton	5	L.S. 9	10-48-18-4	Domestic	1915	1915
672	Lavenne, Clement	Bow Island	41	L.S. 3	27-12-10-4	Domestic	1916	1925
676	Lethbridge Coal Co., Ltd.	Lethbridge	20	L.S. 12	12-9-22-4	Domestic	1916	1917
677	Lavenne, Jules	Winnifred	41	L.S. 1	21-12-10-4	Domestic	1917	1918
698	Lanark Coal Co.	Elcan	41	L.S. 2	4-10-17-4	Domestic	1917	1919
706	Lyons, H. E.	Morley	23	L.S. 3	17-26-5-5	Bituminous	1917	1918
740	Lindquist, Victor	Aerial	14	L.S. 11-12	29-28-19-4	Domestic	1918	1918
751	Lavenne, Jules	Winnifred	41	L.S. 2	27-12-10-4	Domestic	1918	1924
775	Lakeside Coals, Ltd.	Robb	11	L.S. 3	14-49-21-5	Sub-Bituminous	1918	1922
789	Lindquist, Victor	Donalda	8	L.S. 8-10	25-41-18-4	Domestic	1918	1940
817	Lenton, F. E.	Ghost Pine Creek	6	L.S. 2	6-31-21-4	Domestic	1919	1920
858	Little, J. W.	Longview	30	L.S. 1	15-38-22-4	Sub-Bituminous	1920	1927
894	Lowry, Morgan & W. T.	Delburne	1	L.S. 5-12	9-18-2-5	Domestic	1921	1930
903	Last, Harry	Elkwater	28	L.S. 16	23-8-3-4	Domestic	1921	1927
905	Luscar Coals, Ltd.	Luscar	24	L.S. 7	23-8-3-4	Bituminous	1921	1921
953	Line, Archie	Forestburg	8	L.S. 1-8	32-40-15-4	Domestic	1921	1923
965	Larson & Berry	Holborn	15	L.S. 16	18-29-12-4	Domestic	1921	1923
995	Leavell Coal Co., Ltd.	Sheerness	38	L.S. 14	28-31-16-4	Domestic	1922	1934
1016	Locke, H. A. Co., Ltd.	Craigville	38		9-36-15-4	Domestic	1922	1934
1023	Laroway & Bell	Eadiang	1	N 1/2	11-38-24-4	Domestic	1922	1924
1030	Leduc & Mainfroid	Delburne	1	L.S. 1-2	11-38-24-4	Domestic	1922	1924
1037	Lancaster, Thomas	Delburne	20	L.S. 1	11-38-24-4	Domestic	1922	1923
1066	Consolidated with No. 1086	Lethbridge	1	L.S. 12	8-7-21-4	Domestic	1922	1923
1072	Larson, Oalf	Jarrow	44	L.S. 1	15-45-10-4	Domestic	1922	1924
1086	Loxton, Varga & Chemotti	Magrath	20	L.S. 5-12	8-7-21-4	Domestic	1923	1923
1098	Long Coal Company	Nanao	15	L.S. 8	31-54-24-4	Domestic	1923	1923
1109	Lund, Nelson & Hagblad	Lethbridge	20	L.S. 8	31-54-24-4	Domestic	1923	1934
1114	Lanz, C.	Etzikom	41	L.S. 15	13-7-9-4	Domestic	1923	1925
1183	Little, Joseph	Blairmore	12	W 1/2	28-7-3-5	Bituminous	1924	1927
1185	Lewis & Limbry	Nevis	1	S.E. 1/4	2-39-22-4	Domestic	1924	1927
1216	Lenglet, Lawrence	Forestburg	8	L.S. 10	28-40-15-4	Domestic	1925	1929
1219	Lethbridge Co-operative Mines Association, Ltd., The	Lethbridge	20	L.S. 12	29-9-21-4	Domestic	1925	1927
1263	Lethbridge Collieries, Ltd.	Lethbridge	20	L.S. 11	30-10-21-4	Domestic	1927	1927

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of Abandonment	Re-opening
					Opening	
✓ 1311	Liddle, Wilfred	Hesketh	14	L.S. 16	Domestic	1929
✓ 1322	Lyness, John	Delburne	1	L.S. 16	Domestic	1930
✓ 1360	Loskill & Schneider	Dimsdale	18	L.S. 7	Domestic	1931
1372	Larson, Storlien & Orn (Consolidated with 1334)					
✓ 1402	Larson, John N.	Grassy Lake	41	L.S. 4	Domestic	1931
✓ 1435	Lien, E.	Wheat Centre	3	L.S. 12-13	Domestic	1932
✓ 1464	Lethbridge Collieries, Ltd.	Donalda	8	L.S. 6-11	Domestic	1933
1467	Libicz & Partners	Lethbridge	20	L.S. 3	Domestic	1934
1527	LaPierre, J. A.	Onal	35	L.S. 11	Domestic	1936
1567	Larson, Kidder & Heath	St. Paul	27	L.S. 10	Domestic	1937
		High Prairie		L.S. 8	Domestic	1939
						1941
5	Martin, Robert	Edmonton South	15	River Lot 26	Domestic	1902
12	Marsh & King	Edmonton South	15	River Lot 26	Domestic	1904
15	Marsh & Neeb	Edmonton South	15	River Lots 18-20	Domestic	1902
52	Mays Coal Co.	Edmonton	15		Domestic	1901
60	Martin, E. D.	Edmonton South	15	River Lot 25	Domestic	1902
74	Miner & Shoeman	Edmonton	15	L.S. 10	Domestic	1904
100	Martin Bros.	Edmonton	31		Domestic	1903
105	Majestic Mines, Ltd.	Taber	41	L.S. 7	Domestic	1905
124	Marsh, J.	Elean	41	N. ½	Domestic	1905
140	Marsh, John	Elean	41		Domestic	1906
158	Marsh Bros.	Elean	41	S.E. ¼	Domestic	1907
175	Marsh, John	Taber	41		Domestic	1907
180	Mills, J. J.	Grassy Lake	41		Domestic	1910
✓ 194	Morel & Partners	Ghost Pine Creek	41	L.S. 13	Domestic	1908
266	Murphy, M. T.	Bow Island	6	N.E. ¼	Domestic	1908
282	Mountain Park Coals, Ltd.	Mountain Park	24	S. ½	Domestic	1927
292	Morris, John	Pincher Creek	32		Domestic	1909
✓ 330	Mikiluk, John	Pincher Creek	12		Domestic	1911
331	Mitchell, A. E.	Bow Island	41		Bituminous	1911
✓ 367	Midland Coal Mining Co., Ltd.	Drumheller	14	S.W. ¼	Bituminous	1911
434	M.P. Collieries	Taber	41	L.S. 10-11	Domestic	1912
✓ 451	Mehelitz, Frank	Botha	8	L.S. 8	Domestic	1912
✓ 466	Moore, Clark	Eyremore	3	S.E. ¼	Domestic	1914
489	Murray, John	Grassy Lake	41	S.W. ¼	Domestic	1915
497	Morse, W. J.	Hanna	38		Domestic	1915
✓ 604	Marsh, Adam	Donalda	8	L.S. 1	Domestic	1921
✓ 617	Morland Bros.	Stettler	1	L.S. 15	Domestic	1918
✓ 618	Muncy, M. S.	Foreman	8		Domestic	1915
649	Moody, James	Pendant D'Orielle	28	L.S. 9	Domestic	1915
659	Marcus Coals, Ltd.	Clover Bar	15	L.S. 16	Domestic	1916
				L.S. 15	Domestic	1917
						1940

702	Melvin, James	Elcan	41	L.S. 13	3-10-17-4	Domestic	1917
715	Mosley, Jack	Pincher Creek	12	S.W. 14	16-5-1-5	Bituminous	1917
727	Marx, G. W. D.	Huxley	15	L.S. 15	24-24-22-4	Domestic	1918
728	Maple Leaf Minerals, Ltd.	Drumheller	14	L.S. 13	32-27-18-4	Domestic	1918
734	Miller, J. R.	Aerial	14	S.E. Corner	5-28-18-4	Domestic	1918
752	Miller, J. K.	Drumheller	14	L.S. 11	21-28-19-4	Domestic	1918
766	Moonlight Coal Co., Ltd.	Aerial	14	L.S. 16	2-28-20-4	Domestic	1918
783	Munro, Alexander	Rose Lynn	38	L.S. 13	16-28-19-4	Domestic	1918
785	Martin, S.	Foreburg	8	L.S. 5	27-28-13-4	Domestic	1918
805	Murphy, Lottie & Lindquist	Donalda	8	L.S. 8	33-40-15-4	Domestic	1918
812	Marsh & Son, Walter	Delburne	36	L.S. 15	25-41-18-4	Domestic	1919
823	Morton, Albert	Harleche	36	L.S. 15	2-38-24-4	Domestic	1919
826	Miller, W. O.	Del Bonita	22	L.S. 13	10-41-14-5	Sub-Bituminous	1919
832	Mount Cavell Collieries, Ltd.	Brule Mines	4	L.S. 13	28-1-22-4	Domestic	1919
833	Mount Cheviot Coal Co.	Lovett	11	L.S. 1 to 7	31-50-27-5	Bituminous	1919
843	Monkman, Alexander	Lake Saskatchewan	18	S.W. 14	16-47-19-5	Sub-Bituminous	1919
848	Mid-West Collieries, Ltd.	Drumheller	14	L.S. 7	22-70-7-6	Domestic	1920
853	Mitchinson, A.	Donalda	8	L.S. 14	2-29-20-4	Domestic	1920
863	Mitchinson, J.	Donalda	8	L.S. 2	32-41-18-4	Domestic	1920
874	Makarevich, Paul	Foreburg	8	L.S. 6	5-42-18-4	Domestic	1920
911	Meek, F. G.	Heisler	15	L.S. 1	2-41-16-4	Domestic	1921
926	Magwood, J. A.	Morinville	15	N.E. 14	33-42-17-4	Domestic	1921
936	Muncy, H. C.	Foreman	8	L.S. 2	36-56-26-4	Domestic	1921
964	Myers, M. R.	Foreburg	8	L.S. 9	32-40-16-4	Domestic	1921
984	Miller, W. F.	Magrath	20	L.S. 1	2-7-23-4	Domestic	1921
1003	Menini, Archie	Taber	41	L.S. 13	6-8-10-4	Domestic	1921
1010	Miller, Henry	Ghost	41	L.S. 15	10-31-22-4	Domestic	1922
1033	Morel, Emile	Heisler	8	L.S. 5	22-42-17-4	Domestic	1922
1042	Mills, J. J.	Pincher Creek	8	L.S. 5	24-40-18-4	Domestic	1922
1051	Martin & Demco	Red Willow	1	S.E. 14	2-38-24-4	Domestic	1922
1056	Moschiroso, C.	Red Deer	32	N.E. 14	25-7-2-5	Domestic	1922
1083	Marlow & Gardner	Lundbreck	46	L.S. 1	14-56-9-5	Domestic	1922
1084	Mueller, Kurt	Mayethorpe	32	N.E. 14	36-52-24-4	Domestic	1923
1087	Mather, John	Beverly	15	River Lot 40	35-54-25-4	Domestic	1923
1104	Mather, Thos.	Edmonton	15	N.E. 14	35-8-3-4	Domestic	1923
1113	Morris, Charles	Edmonton	28	N.E. 14	35-27-29-4	Domestic	1923
1116	Morrison, W. J.	Little Plume	14	L.S. 11	23-7-2-5	Domestic	1924
1147	Miller, John K.	Drumheller	32	N. 11	12-36-22-4	Domestic	1924
1162	Mitchell & Wood	Lundbreck	41	L.S. 12	10-10-17-4	Domestic	1924
1164	Martin, Floyd	Taber	2	L.S. 11	12-36-22-4	Domestic	1924
1179	Murray & Kirkeberg	Lousana	2	L.S. 12	7-36-21-4	Domestic	1925
1190	Murray, Peter	Lousana	2	L.S. 12	33-40-15-4	Domestic	1925
1217	Martin, Reene & Alben	Foreburg	2	L.S. 5	23-36-22-4	Domestic	1925
1223	Murray, Peter	Lousana	2	L.S. 1	29-41-17-4	Domestic	1925
1248	Mitchinson, Thomas	Donalda	21	L.S. 2, 3	2-29-20-4	Domestic	1925
1261	Minute Coal Co., The	Drumheller	14	L.S. 15	25-2-30-4	Domestic	1925
1272	Morris, E.	Waterton	14	L.S. 12	15-28-19-4	Domestic	1925
1295	Michelin & Co., John	Rosedale	6	L.S. 9	9-31-22-4	Domestic	1925
1306	Morel, Emile	Pincher Creek	6	L.S. 9	9-31-22-4	Domestic	1925

334	McAllister, Robert	Suffield	41	S.W. $\frac{1}{4}$	29-13-10-4	Domestic	1912	1914
343	McQuire, A. J.	Lethbridge	20	E. $\frac{1}{2}$	25-8-22-4	Domestic	1912	1913
385	McGuire, James S.	Trochu	6	S.E. $\frac{1}{4}$	16-33-23-4	Domestic	1913	1913
398	McCafferty, Thomas	Ferility	38		18-33-13-4	Domestic	1913	1915
405	McIntyre, William H.	Magrath	21		24-3-22-4	Domestic	1913	1921
408	McGuire, A. J.	Crowsnest	12	L.S. 3	5-8-5-5	Bituminous	1913	1913
418	Consolidated with No. 275	Castor	21		3-38-14-4	Domestic	1916	1927
455	McPherson, Peter	Fishburn	8	S.E. $\frac{1}{4}$	3-4-28-4	Domestic	1914	1917
468	McFadden, & Farnell	Big Valley	2	L.S. 12	36-35-20-4	Domestic	1915	1916
607	McDonald, Donald	Dalida	8	L.S. 8	30-41-17-4	Domestic	1915	1925
612	McLean, Charles A.	Wildcat	38	L.S. 2	6-30-13-4	Domestic	1915	1916
644	McAlpine, Alex.	Lucky Strike	22	L.S. 6	1-3-12-4	Domestic	1916	1924
664	McTaggart & Morton	Erskine	22	N.E. $\frac{1}{4}$	33-38-22-4	Domestic	1917	1917
714	McDonald, William	Champion	1		9-15-22-4	Domestic	1917	1917
773	McGuire Collieries, Ltd.	Edmonton	13	R.L. 2, 121st St.		Domestic	1918	1919
821	McNabb Coal Co.	Lethbridge	20	L.S. 10	36-8-22-4	Domestic	1919	1926
838	McCracken, Westcott & Sons	Alderson	41	L.S. 7	28-12-10-4	Domestic	1919	1938
846	McLeod River Hard Coal Co. (1941), Ltd.	Mercoal	20	L.S. 5	25-48-22-5	Sub-Bituminous	1920	1925
856	McCullum, C. P.	Carbon	11	L.S. 13	11-29-23-4	Domestic	1920	1920
864	McKinnon & Baxter	Big Valley	6	L.S. 16	26-35-20-4	Domestic	1921	1921
929	McNaughton, Harry	Champion	2	L.S. 1	4-16-21-4	Domestic	1921	1925
951	McDermand, C. C.	Alix	1	L.S. 3	29-38-23-4	Domestic	1922	1923
978	McEntire, Thomas	Carbon	6	S.W. $\frac{1}{4}$	13-29-23-4	Domestic	1922	1925
993	McNabb, D.	Lethbridge	20	L.S. 1-5	11-8-22-4	Domestic	1922	1925
1019	McKinlay, James	Huxley	2	L.S. 4	10-34-22-4	Domestic	1922	1925
1021	Consolidated with No. 864	Big Valley	2	N.W. $\frac{1}{4}$	26-35-20-4	Domestic	1922	1925
1029	McCall, Clyde B.	Rumsey	2	L.S. 12	7-34-21-4	Domestic	1922	1924
1043	McDonald, Burdick Knoie & Spence	Recheater	35	L.S. 10	24-82-24-4	Domestic	1922	1924
1081	McDonis, John A.	Rosedale	14	S.E. $\frac{1}{4}$	1-28-19-4	Domestic	1923	1924
1110	McNabb Coal Co., Donald	Lethbridge	20	L.S. 2	1-9-22-4	Domestic	1923	1927
1121	McGrath, H. A.	Sexsmith	37		8-75-3-6	Domestic	1923	1927
1156	McGlashan, Fred	Verdant Valley	14	L.S. 14	14-29-19-4	Domestic	1924	1925
1158	McGlashan, Wm.	Cochrane	23	Block A	6-26-4-5	Domestic	1924	1925
1168	McKen & Seale	St. Albert	15	L.S. 7	20-48-25-4	Domestic	1924	1925
1186	McDermid, S. D.	Millet	45	N.W. $\frac{1}{4}$	3-34-25-4	Domestic	1924	1926
1189	McKinlay, James	Huxley	2	L.S. 13-14	15-51-25-5	Domestic	1924	1926
1204	McMillan, J. D.	Entrance	33	L.S. 4	17-47-19-5	Sub-Bituminous	1925	1928
1241	McVeigh & Campbell	Reco	11	S.W. $\frac{1}{4}$	18-51-2-5	Domestic	1926	1928
1274	McDonald & Schymizek Bros.	Bright Bank	31	L.S. 3	6-37-15-4	Domestic	1927	1938
1391	McGregor & Purteil	Halkirk	8	L.S. 15	5-16-23-4	Domestic	1932	1934
1415	McGaw, A. M. S.	Champion	9	L.S. 1	11-39-22-4	Domestic	1933	1937
1439	McGladrie & Kehl	Nevis	1	L.S. 3	30-37-15-4	Domestic	1933	1940
1460	McLeod, J. C.	Halkirk	8	L.S. 3-4	33-15-23-4	Domestic	1934	1936
1509	McGaw, A. M. S.	Champion	9	L.S. 16	20-26-21-4	Domestic	1937	1937
1521	McMillan, William	Rosebud	17	L.S. 14	24-51-25-4	Domestic	1938	1938
1535	McLean Coals, Ltd.	Edmonton	15	L.S. 13	13-70-7-6	Domestic	1938	1938
1549	McIntosh, J. L.	Dimsdale	18	L.S. 7		Domestic	1938	1939
57	Nash, Thomas	Pincher Creek	32	S. $\frac{1}{2}$	24-5-29-4	Sub-Bituminous	1902	1913
141	Namoo Coal Co.	Namoo	15	W. $\frac{1}{2}$	3-55-24-4	Domestic	1907	1909

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of	
					Opening	Re-opening
233	North American Collieries, Ltd.	Lovettville	11	L.S. 6	Sub-Bituminous	1910
257	Noble, Wm. G.	Hutton	40	.....	Domestic	1910
267	North American Collieries, Ltd.	St. Albert	15	N.W. 1/4	Domestic	1916
296	Consolidated with No. 1371	Champion	9	L.S. 1	Domestic	1911
310	North Alberta Coal Syndicate	Pocahontas	4	.....	Bituminous	1913
317	Newcastle Coal Co., Ltd.	Drumheller	14	L.S. 1	Domestic	1911
327	Nicol & Bradshaw	Trochu	2	S.W. 1/4	Domestic	1913
348	Neisner, John	Munson	14	L.S. 5	Domestic	1911
350	Northern Construction Co.	Winnipeg	36	.....	Sub-Bituminous	1912
357	Nash, Thomas	Pincher Creek	22	.....	Domestic	1912
376	Nelson & Johnson	Trochu	2	.....	Domestic	1914
393	North Kootenay Pass Coal Co.	Frank	12	.....	Domestic	1913
412	New Era Coal Co., Ltd.	Edmonton	31	.....	Bituminous	1913
620	Newcastle Collieries, Ltd.	Drumheller	14	N.W. 1/4	Domestic	1913
629	Natrass, D. W.	Orion	28	L.S. 10	Domestic	1915
730	Novotny & Marasik	Picture Butte	20	L.S. 14	Domestic	1917
816	Newcastle Junior Mining Co., Ltd.	Drumheller	14	L.S. 9	Domestic	1918
855	Noble, Henry	Edmonton	21	L.S. 1	Domestic	1918
877	Nearney, Thomas	Edmonton	15	N.W. 1/4	Domestic	1918
886	Ness, Paul	Erskine	1	L.S. 8	Domestic	1917
889	Ness, Paul	Boundary Creek	1	L.S. 4	Domestic	1918
1009	Noble, Alex.	Meeting Creek	21	L.S. 10	Domestic	1918
1049	Ness, Leo	Erskine	1	L.S. 1	Domestic	1918
1127	Ness, Mrs. Ethel	Erskine	1	L.S. 1	Domestic	1918
1194	Nystrom, J. E.	Erskine	1	L.S. 1	Domestic	1918
1220	Norman & Hagen	Donalda	8	L.S. 10	Domestic	1918
1231	New Kirkeby Mine	Craigville	38	L.S. 6	Domestic	1918
1264	Newcastle Junior Mining Co., Ltd.	Lovett	11	L.S. 13	Domestic	1918
1280	Noble, Henry	Cardston	21	L.S. 7	Domestic	1918
1286	Noble, Mike	Cardston	21	L.S. 3	Domestic	1918
1371	Novak, Mike	Champion	9	L.S. 10	Domestic	1918
1382	Nelson, Gust	Pincher Creek	32	N.E. 1/4	Domestic	1918
1414	Northern Coal Co., Ltd.	Picture Butte	20	L.S. 16	Domestic	1918
1445	Nicodemus, C.	Sheerness	38	L.S. 16	Domestic	1918
1472	Novotny & Partners	Picture Butte	3	L.S. 14	Domestic	1918
1499	Nuttall & Davidson	Three Hills	6	L.S. 1	Domestic	1918
1537	Nugent Coal Co.	South Edmonton	15	L.S. 16	Domestic	1918
1560	Nimko & Senecko	South Edmonton	15	L.S. 11	Domestic	1918
91	Ottewell Coal Co.	Clover Bar	15	S.W. 1/4	Domestic	1904
187	Oliphaunt, J. H.	Carbon	6	L.S. 5	Domestic	1909
454	Ostby, Chas.	Warner	22	L.S. 12	Domestic	1914

609	O'Brien, Gillis & Co.	Donalda	L.S. 5	22-42-17-4	Domestic	1923
669	Oliver, Edward	Taber	L.S. 3	1-10-17-4	Domestic	1916
670	Olson, Emil	Hanna	S.W. 1/4	19-28-14-4	Domestic	1917
770	Ostrom Coal Co.	Rosedale Station	L.S. 10	20-28-19-4	Domestic	1918
814	Oliver, Lewis	Foremost	L.S. 3	28-6-11-4	Domestic	1919
818	Ogilvie & Large	Twining	L.S. 2	11-31-24-4	Domestic	1919
892	Ordge & Thomas	Edmonton	R.L. 25A	Edmonton Settlement	Domestic	1921
915	Oliver & Son, Lewis	Eyremore	L.S. 15	14-17-17-4	Domestic	1921
974	Ontario Collieries, Ltd.	Wayne	L.S. 9	19-28-19-4	Domestic	1923
1090	Ostby, A. C.	Warner	L.S. 9-10	12-3-17-4	Domestic	1924
1122	Oliver, Edward	Taber	L.S. 2	1-10-17-4	Domestic	1923
1124	Oliver Coal Co.	Taber	L.S. 5	1-10-17-4	Domestic	1927
1129	Olsen, Carl	Hanna	L.S. 3	19-29-14-4	Domestic	1923
1187	Oldham, Wm.	Bragg Creek	L.S. 11	28-22-4-5	Domestic	1924
1377	Ordge & Ewing	Donalda	L.S. 15	33-41-18-4	Sub-Bituminous	1924
1393	Ottewell Coal Co.	Edmonton	L.S. 3	36-52-24-4	Domestic	1931
1396	Oliphant, J. H.	Carbon	L.S. 3	10-29-23-4	Domestic	1932
1453	Oliver, Edward	Taber	L.S. 5	17-10-16-4	Domestic	1934
1536	Oliver Coal Mines	Taber	L.S. 2	18-10-16-4	Domestic	1937
59	Purdy & Co.	Lundbreck	L.S. 15	26-7-2-5	Sub-Bituminous	1923
76	Patton, C.	Lundbreck	L.S. 11	23-7-2-5	Sub-Bituminous	1902
115	Peerless Carbon Collieries, Ltd., The	Carbon	L.S. 13	12-29-23-4	Domestic	1906
129	Parker, Levi	Cardiff	L.S. 16	23-55-25-4	Domestic	1907
139	Patterson, Thomas	Elcan	S.E. 1/4	26-9-18-4	Domestic	1907
145	Pincher Creek Coal Mining Co., Ltd.	Pincher Creek	L.S. 18	17-6-30-4	Sub-Bituminous	1913
147	Penn Mines, Ltd.	Edmonton	L.S. 15	53-23-4	Domestic	1907
151	Passoli & Pedrotti	Reid Hill	L.S. 15	24-16-23-4	Domestic	1907
210	Premier Coal & Coke Co., Ltd.	Frank	L.S. 3-4	18-48-19-4	Domestic	1914
241	Proskov, Joseph	Dinant	L.S. 3	15-44-19-4	Domestic	1910
242	Potter, W. B.	Kelsey	E. 1/2	29-7-4-5	Bituminous	1910
261	Paulson, P. A.	Coleman	L.S. 9	29-30-22-4	Domestic	1911
341	Poxon, John	Carbon	L.S. 7	5-8-8-4	Domestic	1912
341	Perini & Sons	Granville	28-51-25-4	Domestic	Domestic	1913
369	Petrie, J. H.	South Edmonton	1-60-14-5	Domestic	Domestic	1921
382	Peace River Collieries, Ltd., The	Peace River	25 miles S.W. of Burnis	Domestic	Domestic	1913
394	Falmer Coal Co.	Burnis	N.W. 1/4	8-8-21-4	Domestic	1913
411	Fyrah, Samuel	Magrath	L.S. 3	29-4-20-4	Domestic	1913
413	Page & Dayton	Beirdorf	L.S. 3	4-48-27-4	Domestic	1914
439	Premier Coal Co., Ltd.	Drumheller	L.S. 3	10-29-20-4	Domestic	1914
621	Pattison, Chas. H.	Carbon	L.S. 3	11-29-23-4	Domestic	1915
632	Penn Mines, Ltd.	Edmonton	R.L. 20	53-23-4	Domestic	1916
650	Ponartollo & Lazzarotto	Beazer	L.S. 9	6-2-26-4	Domestic	1930
662	Pickering, W. H.	Donalda	L.S. 5	29-41-17-4	Domestic	1916
668	Ponartollo & Lazzarotto	Beazer	L.S. 3	7-2-26-4	Domestic	1917
679	Pickering & Warnoth	Donalda	L.S. 3	32-41-18-4	Domestic	1917
681	Pargo, Charles H.	Twining	N.E. 1/4	1-31-24-4	Domestic	1917
712	Powell & Co.	Barnwell	L.S. 8	4-10-17-4	Domestic	1917
723	Pattison, Robert	Verdant Valley	L.S. 13	35-28-18-4	Domestic	1921

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of	
					Opening	Re-opening
* 742	Pederson, L.	Donalda	8	L.S. 13	Domestic	1918
759	Patterson, Allan C.	Commerce	20	L.S. 2	Domestic	1918
764	Pickering, Ben	Beynon	14	L.S. 2	Domestic	1918
784	Pawlina, Pete	Edmonton South	15	L.S. 8	Domestic	1919
803	Pacy, John C.	Manyberries	28	L.S. 7	Domestic	1923
811	Paisdale Coal Mining Co., Ltd.	Three Hills	26	L.S. 10	Domestic	1924
849	Pardue & Cowger	Halcourt	18	L.S. 7	Domestic	1919
850	Perlin, H. E.	Coleman	12	L.S. 3	Domestic	1931
851	Consolidated with No. 115	Carbon	16	L.S. 1	Domestic	1920
854	Pacific Colliery	Lovettville	11	L.S. 1	Domestic	1920
887	Parr, John	Castor	18	S.W. 1/4	Sub-Bituminous	1920
888	Pearson & Branton	Calmar	15	L.S. 6	Domestic	1921
904	Peerless Carbon Collieries, Ltd.	Carbon	6	L.S. 7	Domestic	1921
916	Priddis Collieries	Carbon	30	S.W. 1/4	Sub-Bituminous	1923
919	Peters, F. C.	Micheche	38	L.S. 15	Domestic	1921
920	Prescott, John	Scollard	2	L.S. 9	Domestic	1926
934	Perry, W. H.	Burdett	41	L.S. 10	Domestic	1921
949	Paton, Thomas A.	Delburne	1	L.S. 7	Domestic	1940
990	Pickering, B.	Cluny	17	L.S. 7	Domestic	1922
1007	Porter, John	Rockyford	6	L.S. 16	Domestic	1922
1027	Parnell, William	Medicine Hat	34	L.S. 1	Domestic	1922
1082	Partridge, William	Wetaskiwin	45	L.S. 1	Domestic	1923
1096	Patton, J. L.	Lundbreck	32	L.S. 15	Domestic	1923
1153	Parker, J. L.	Burnis	12	L.S. 2	Domestic	1924
1177	Poholka, Steve	Edmonton South	15	N.W. 1/4	Sub-Bituminous	1929
1195	Porcen, Herbert	Carbon	6	S.W. 1/4	Domestic	1925
* 1240	Phillips, W. T.	Castor	8	L.S. 1, 2, 4	Domestic	1924
1281	Pickering, Ben	Beynon	14	L.S. 11	Domestic	1925
1319	Popovich, Mike	Champion	9	L.S. 8	Domestic	1926
1344	Fine Valley Coal Co., The	Champion	32	L.S. 8	Domestic	1931
1352	Poholka, Mrs. Mary	Edmonton South	15	L.S. 8	Domestic	1940
1358	Pickering, Ben	Beynon	14	L.S. 15	Domestic	1930
1397	Pickardville Coal Co., Ltd.	Pickardville	35	S.W. 1/4	Domestic	1931
1401	Pahl, Fred	Hanna	38	L.S. 7	Domestic	1936
1418	Popovich, Mike	Champion	9	L.S. 7	Domestic	1932
1455	Pitt, A. J.	Blairmore	12	L.S. 8	Domestic	1933
1462	Pickard, Joseph	Edmonton South	15	L.S. 8	Bituminous	1940
1498	Prokopos & Bros., Tom	Sheerness	38	L.S. 12	Domestic	1936
1500	Parks & Sons, H. L.	Warburg	2	L.S. 13	Domestic	1939
1506	Pickles & Turner	Dimsdale	18	L.S. 2	Domestic	1938
1529	Pavlichuk, Mike	Musidora	27	L.S. 2	Domestic	1937
1532	Polowy, Polowy & Onyszchuk	Lac Bellevue	27	L.S. 1-8	Domestic	1940
						1939

1565	Popovich, Mike	Champion	9	L.S. 9	8-16-23-4	Domestic	1939
933	Quebec, J. M.	Edmonton South	15	L.S. 1-2-3	29-51-25-4	Domestic	1923
971	Quattrocchi, J.	Camrose	5	S.E. 1/4	28-46-20-4	Domestic	1922
18	Ramsay & George	Edmonton South	15	River Lot 23	3-10-16-4	Domestic	1897
39	Reliance Coal Mining Co., The	Taber	41	River Lot 42	7-21-4	Domestic	1905
51	Ransome, M. E.	Clover Bar	15	L.S. 3	7-21-4	Domestic	1901
56	Rozzolini & Bridaroli	Magrath	20	L.S. 5	9-18-2-5	Domestic	1906
70	Rathbun, Lewis F.	High River	30	L.S. 3	16-55-24-4	Sub-Bituminous	1902
75	Rech, Charles	Namoo	15	L.S. 4	16-55-24-4	Domestic	1903
128	Rosedale Coal Company	Edmonton	15	River Lots 28 and 30	8-15-22-4	Domestic	1907
136	Rhodes, George	Champion	9	L.S. 7	9-10-13-4	Domestic	1907
154	Raisbeck, Luke	Grassy Lake	41	S. 1/2	11-54-24-4	Domestic	1907
156	Rupert's Land Coal Co.	Oliver	15		1-2-7-22-4	Domestic	1907
161	Reece, Wm.	Magrath	20	S.W. 1/4	13-26-5-5	Domestic	1907
162	Russell, John	Mitford	20		10-10-17-4	Domestic	1908
169	Rock Springs Mines, Ltd.	Taber	23	L.S. 3	4-10-17-4	Domestic	1908
170	Rocky Mountain Coal Co.	Elean	41		27-53-23-4	Domestic	1908
172	Reynolds, H. J.	Edmonton	15	N.W. 1/4 L.S. 12	8-39-15-4	Domestic	1908
212	Ruscoe, Richard	Halkirk	15	S.E. 1/4	30-55-26-4	Domestic	1909
221	Riviere Qui Barre Coal Co.	Riviere Qui Barre	8	L.S. 1	30-53-7-5	Domestic	1910
227	Royalties Oil & Share Corporation, Ltd.	Evansburg	31	L.S. 2	30-48-18-4	Domestic	1910
250	Round Hill Collieries, Ltd.	Round Hill	5	L.S. 1	9-10-21-4	Domestic	1910
276	Rothenshauser, E.	Diamond City	20	L.S. 13	31-40-15-4	Domestic	1911
301	Robinson, U. G.	Big Valley	2	None given	9-13-6-4	Domestic	1911
320	Rider Bros.	Gadsby	8	N.W. 1/4	22-12-10-4	Domestic	1911
332	Redcliff Premier Brick Co., Ltd.	Redcliff	34	N.W. 1/4	7-28-19-4	Domestic	1912
344	Raber, Elsworth	Winnifred	41	L.S. 13	36-6-12-4	Domestic	1912
346	Rosedale Collieries, Ltd.	Rosedale	14	L.S. 14	8-18-2-5	Domestic	1912
347	Rose-Deer Coal Mining Co., Ltd.	Wayne	22	L.S. 9	28-28-9-4	Sub-Bituminous	1912
353	Roberts, William	Foremost	14		9-13-6-4	Domestic	1912
363	Rathburn, L. F.	Longview	30	S.E. 1/4	17-7-21-4	Domestic	1912
378	Consolidated with No. 436	Rosedale	14	L.S. 5	28-28-9-4	Domestic	1913
379	Redcliff Pressed Brick Co., Ltd.	Redcliff	34		7-8-29-20-4	Domestic	1913
402	Red Deer Valley Coal Co., Ltd.	Drumheller	14	Pat. allow'ce between	17-7-21-4	Domestic	1913
409	Rollingson, John	Magrath	20	L.S. 4	2-53-17-5	Domestic	1913
431	Rambo, M. C.	Edson	14	N.W. 1/4 L.S. 7	28-28-19-4	Sub-Bituminous	1913
436	Rosedale Collieries, Ltd.	Aerial	14	S.E. 1/4 L.S. 7	31-8-21-4	Domestic	1914
446	Ruffell, Alfred	Lethbridge	20	S.E. 1/4	32-40-15-4	Domestic	1914
450	Robinson, Willie	Forestburg	8	L.S. 1 and 8	34-34-21-4	Domestic	1914
455	Raisbeck, Luke	Grassy Lake	41	S.E. 1/4	28-30-17-4	Domestic	1915
469	Ross, R. A.	Scollard	2	L.S. 9-10	12-31-17-4	Domestic	1915
477	Ross, A. W.	Delia	38	L.S. 3	26-7-2-5	Domestic	1915
479	Royal Edward	Craigville	38	S.W. 1/4	10-38-22-4	Sub-Bituminous	1915
606	Riley, John W.	Lundbreck	32	N.W. 1/4	25-70-11-6	Domestic	1915
608	Richmond, Andrew	Erskine	1	L.S. 15	28-30-22-4	Domestic	1916
653	Ray, George A.	Halcourt	18	S.E. 1/4		Domestic	1916
671	Reed, A. M.	Ghost Pine Creek	6	S.W. 1/4		Domestic	1917

THE MINES BRANCH

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of	
					Opening	Re-opening
✓685	Rhodes, George	Long Coulee	9	L.S. 4	1917	1926
✓690	Ryning, J. W.	Rowley	6	L.S. 4	1917	1926
711	Rock Springs Longwall Coal Co.	Barnwell	41	S.E. $\frac{1}{4}$	1917	1937
718	Reville & Rataushk	Tothill	28	L.S. 15	1917	1937
720	Rudolf & Bailey	Leduc	15	L.S. 13	1917	1932
738	Rollingson, George	Lethbridge	20	L.S. 2	1918	1932
743	Rawlusk, Pete	Beynon	14	L.S. 1	1918	1918
✓760	Red Flame Coal Co., Ltd.	Round Hill	5	L.S. 7	1918	1918
765	Redcliff Brick & Coal Co., Ltd.	Redcliff	34	L.S. 14	1918	1918
794	Roth, John	Etzikom	41	L.S. 6	1918	1918
✓808	Consolidated with No. 831	Alix	1	L.S. 10	1919	1923
✓810	Russell, R. R.	Alix	1	L.S. 12	1919	1923
✓831	Ruby Glow Coal Co., Ltd.	Alix	1	L.S. 10	1919	1927
✓835	Rowland, A. E.	Delburne	1	S.E. $\frac{1}{4}$	1920	1921
871	Rollingson, John	Lethbridge	20	L.S. 14	1920	1929
✓902	Remillard, O. V.	Alix	1	L.S. 12	1921	1921
✓931	Regal Coal Co., Ltd.	East Coulee	14	L.S. 2	1921	1939
937	Ross, A. W. and D. G.	Craigmyle	38	L.S. 5	1921	1931
✓979	Rollingson, George	Lethbridge	20	L.S. 2	1922	1922
✓981	Rowan, Leonard	Calgary	6	L.S. 11-12	1922	1923
1015	Ross & Saunders	Magrath	23	L.S. 13	1922	1928
1052	Raymond, J.	Edmonton	15	River Lot 38, Edmonton Sett.	1922	1923
1088	River Bend Coal Co., The	Edmonton	41	L.S. 7	1922	1923
1091	Rabbit Hill Collieries	Edmonton South	15	L.S. 9	1923	1940
✓1123	Rhodes Bros. & Gardner	Lundbreck	32	N.W. $\frac{1}{4}$	1924	1937
✓1141	Ramstad, Emil	Donald	8	L.S. 2	1924	1937
✓1175	Rhodes, Herbert	Champion	39	S.W. $\frac{1}{4}$	1924	1924
✓1193	Rhodes & Partners	Lundbreck	12	N.E. $\frac{1}{4}$	1924	1925
✓1203	Rhodes Mining Co.	Burnis	18	L.S. 5	1924	1940
✓1206	Rodway, A. G.	Hal Kirk	42	L.S. 8	1925	1940
✓1208	Ryley Coal Company	Ryley	45	L.S. 12	1925	1940
✓1209	Reaney & Wood	Leduc	21	L.S. 7	1925	1929
✓1308	Rathbun & Smith	Hillspring	28	L.S. 10	1925	1929
✓1318	Raeder, William	Elkwater	15	S.W. $\frac{1}{4}$	1929	1939
✓1321	Roberts Coal Co.	Cardiff	20	L.S. 12	1930	1930
✓1339	Reece & Son, Wm.	Diamond City	15	River Lot 33, Edmonton Sett.	1931	1932
✓1357	Red Ho Coal Co., Ltd.	Edmonton	1	L.S. 14	1931	1933
✓1365	Russell & McFadden	Alix	21	N.W. $\frac{1}{4}$	1932	1933
✓1405	Regan, Thomas	Fishburn	5	L.S. 14	1932	1933
✓1420	Red Flame Coal Co., Ltd.	Round Hill	5	L.S. 14	1933	1933

1440	Rhodes, W. B. & R.	Lundbreck	32	L.S. 10	26-7-2.5	Sub-Bituminous	1933
1463	Riverdale Coal Co., Ltd.	Namao	15	N.E. 1/4	8-55-24.4	Domestic	1934
1484	Regal Coal Co., Ltd.	Drumheller	14	N.E. 1/4	21-27-18.4	Domestic	1935
1487	Ratz, S.	Warburg	1	L.S. 3-4	13-49-3-5	Domestic	1940
1488	Russell, Charles O.	Alx	14	L.S. 4	29-38-23-4	Domestic	1935
1513	Rosedale Collieries, Ltd.	Rosedale	15	L.S. 8	13-28-19-4	Domestic	1938
1523	Rizzi, Peter	Pickardville	15	L.S. 8	35-38-27-4	Domestic	1937
1556	Ryan, William	Edmonton	15	N.E. 1/4	7-55-24-4	Domestic	1939
1558	Roxy Coal Co.	Edmonton	15	L.S. 5	6-51-25-4	Domestic	1941
1561	Roberts, D. O.	Edmonton	15	L.S. 16	23-51-25-4	Domestic	1941
1579	Rhodes, W. B.	Lundbreck	32	L.S. 15	23-7-2-5	Sub-Bituminous	1941
28	Stewart & Campbell	Namao	15	N.E. 1/4	8-55-24-4	Domestic	1897
29	Smith & Muraca	Edmonton	15	L.S. 14	25-51-25-4	Domestic	1897
47	Strathcona Coal Company	Edmonton	15	River Lot 9, Edmonton Sett.		Domestic	1905
53	Spencer & Dolphin	Carbon	6	L.S. 3	14-29-23-4	Domestic	1898
61	Scott, Fred	Medicine Hat	34	S.E. 1/4	6-13-6-4	Domestic	1911
110	Sutherland, Murdoch	Namao	15	S.E. 1/4	4-55-24-4	Domestic	1906
135	Smith, Thomas E.	Carmangay	9	L.S. 2	36-14-21-4	Domestic	1917
144	Scott & MacLaine	Pincher Creek	32	W. 1/2	20-5-1-5	Sub-Bituminous	1907
157	Southern Alberta Coal Co., Ltd.	Taber	41	S.E. 1/4	8-10-17-4	Domestic	1911
163	Shirts, James E.	Nevis	1	S.E. 1/4	2-39-22-4	Domestic	1908
168	Stretch, Paul	Camrose	5	N.E. 1/4	33-46-20-4	Domestic	1933
182	Consolidated with No. 244	Lethbridge	20	S.E. 1/4	28-9-21-4	Domestic	1909
196	Standard Lethbridge Collieries, Ltd.	Namao	15	N.E. 1/4	8-55-24-4	Domestic	1911
202	Speers, H.	Elean	41	N.W. 1/4	18-10-16-4	Domestic	1909
238	Superior Coal Co., Ltd., The	Bow Island	41		36-11-11-4	Domestic	1913
244	Simpson, M.	Winnifred	41	L.S. 10-11	35-12-11-4	Domestic	1910
259	Savage, George W.	Camrose	5	L.S. 1	33-46-20-4	Domestic	1917
264	Stoney Creek Collieries, Ltd.	Rose Lynn	38	N.E. 1/4	21-28-14-4	Domestic	1910
268	Sinclair, A. C.	Wabamun	31	N.E. 1/4	14-53-4-5	Domestic	1911
283	Security Coal Mines, Ltd.	Long Coulee	9	N.E. 1/4	29-14-21-4	Domestic	1913
284	Stavely Coal Mining Co.	Winnifred	41	S.E. 1/4	22-12-10-4	Domestic	1916
285	Simanton, W. H.	Halkirk	8	L.S. 10	18-39-15-4	Domestic	1911
288	Strader & Green	Big Valley	2	S.W. 1/4	26-35-20-4	Domestic	1916
286	Square Deal Mercantile Co.	Rosebud	17	L.S. 4	28-59-21-4	Domestic	1913
299	Schnepp, Karl	Long Coulee	9	N.W. 1/4	8-15-22-4	Domestic	1911
307	Sanderson, Wm. J.	Kimball	21	L.S. 4	22-1-23-4	Domestic	1913
311	Seale, James	Drumheller	14	N.W. 1/4	29-23-20-4	Domestic	1913
355	Stanton, George F.	Pridds	30	N.W. 1/4	7-22-3-5	Domestic	1914
361	Swan, Harry	Conroy	28	L.S. 4-5	9-2-6-4	Sub-Bituminous	1930
368	Steedman, Thos.	Prosper	38	L.S. 16	30-7-8-4	Domestic	1912
370	Schmidt, Stephen	Scala	38	L.S. 7	1-34-14-4	Domestic	1918
375	Smith, George	Scala	38	L.S. 16	8-55-24-4	Domestic	1938
389	Smith, William	St. Albert	15	L.S. 16	8-55-24-4	Domestic	1913
397	Smith, William	Namao	15	S.E. 1/4	8-55-24-4	Domestic	1929
415	Sparrow & Kelly	Parr	38	L.S. 4	5-29-14-4	Domestic	1929
449	Seivert, R.	Forestburg	8	L.S. 15	36-40-16-4	Domestic	1922
451	Stewart, C.	Hillspring	21	L.S. 4	27-4-28-4	Domestic	1934
458	Stukey & Briscoe	Yewwood	9	L.S. 9	28-15-21-4	Domestic	1917
461	Smith, Thomas E.						1914

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location		Date of		Re-opening
						Opening	Abandonment	
494	Smithson, Irving	Halkirk	8	L.S. 5	20-37-15-4	1915	1916	
495	Strilczyk, Louis	Round Hill	5	L.S. 8	10-48-18-4	1915	1916	
615	Sank, John	Heiser	8	L.S. 8-9	28-42-17-4	1915	1917	
625	Sickstrum, O. R.	Meeting Creek	8	L.S. 14	14-43-20-4	1915	1917	
636	Stewart, Robert	Della	38	S.W. 1/4	6-30-17-4	1916	1916	
639	Spencer, Fred	Big Valley	2	L.S. 12	36-35-20-4	1916	1918	
646	Consolidated with No. 1328	Scapa	38	L.S. 1	1-34-14-4	1916	1918	
663	Smith, Thomas E.	Long Coulee	9	L.S. 3	17-15-21-4	1916	1917	
666	Simmons, E. W.	Forestburg	8	L.S. 16	2-41-16-4	1916	1921	
673	Strader, Lawson	Halkirk	8	N.E. 1/4	18-39-15-4	1916	1921	
697	Standard Coal Co., Ltd.	Wayne	14	L.S. 7	34-37-14-4	1917	1927	
717	Shaw, Dan	Castor	8	L.S. 2	19-28-19-4	1917	1927	
737	Superior Grade Coal Co., Ltd.	Wayne	14	L.S. 2	19-28-19-4	1918	1941	
741	Sugars, Jackson & Ring	Edmonton	15	120th Ave. & 130th St.	7-11-16-4	1918	1918	
762	Stevenson & Co. A.	Redlaw	41	L.S. 14	14-29-23-4	1918	1918	
768	Spencer & Dolphin Co., Ltd.	Carbon	16	L.S. 1	35-47-20-5	1918	1936	
769	Sterling Collieries Co., Ltd.	Starco	11	L.S. 12	33-38-23-4	1918	1918	
785	Shaw & Son, James W.	Ardley	11	L.S. 2	1-29-20-4	1919	1919	
786	Sunbeam Collieries, Ltd.	Drumheller	14	L.S. 9	1-29-20-4	1919	1919	
809	Steegstra & Rolison	Conroy	28	L.S. 6	33-38-23-4	1919	1919	
813	Sisson, Mrs. J. W.	Alix	1	L.S. 13	11-28-19-4	1919	1919	
820	South Bank Coal Co.	Willow Creek	14	L.S. 10	34-7-3-5	1919	1934	
824	Sunbeam Coal Co.	Coleman	12	L.S. 10	20-38-23-4	1919	1929	
827	Santon, Cattoni & Bonetti	Ardley	1	N.E. 1/4	7-7-21-4	1919	1927	
829	Stupor, Oakley & Company	Magrath	20	L.S. 1	19-47-19-5	1919	1922	
845	Scorgie, William	Blackstone Mines	11	S.E. 1/4	21-70-10-6	1920	1922	
847	Scranton Coal Co., Ltd.	Halcourt	18	S.E. 1/4	19-28-19-4	1920	1922	
872	Sand, D. W.	Rosedale	14	N.E. 1/4	2-44-19-4	1920	1922	
878	Sharkey, H.	Edberg	8	N.E. 1/4	46-21-4	1920	1921	
883	Seale, J. E.	Bittern Lake	5	N.E. 1/4	15-29-23-4	1920	1923	
886	Sereda, I.	Carbon	6	N.E. 1/4	26-50-27-4	1921	1927	
890	Smalley, Melvin	Leduc	15	L.S. 13	22-57-21-4	1921	1927	
899	Stalnthorpe, J.	Redwater	15	L.S. 7	12-10-17-4	1921	1921	
906	Stahl & Wurz	Taber	41	L.S. 15	23-27-23-4	1921	1925	
912	Super-Heat Coal Co. Alberta, Ltd.	Rockyford	6	L.S. 14	29-38-23-4	1921	1925	
921	Schlender, Otto	Ardley	1	L.S. 15	12-7-3-4	1921	1921	
925	Schook, Jacob J.	Trochu	1	L.S. 8	14-33-23-4	1921	1941	
927	Consolidated with No. 768	Thelma	28	L.S. 15	12-7-3-4	1921	1924	
940	Shaw, J. E.	Carbon	6	L.S. 2	14-29-23-4	1921	1922	
946	Stretch, Paul	Castor	1	L.S. 10	24-37-14-4	1921	1929	
1050	Sandquist, Knut	Nevis	8	L.S. 4	12-38-21-4	1921	1922	
		Hillsdown	1	L.S. 15	2-38-24-4	1922	1923	

•1054	Stauter, Fred	Forestburg	8	L.S. 1-2	2-41-16-4	Domestic	1922	1923
•1058	Stiles, C. J.	Halkirk	8	S.E. 1/4	31-38-15-4	Domestic	1922	1923
•1061	Skeen, Ernest	Nanton	30	S.E. 1/4	35-14-4-5	Sub-Bituminous	1922	1928
•1062	Strader, Chas.	Halkirk	8	L.S. 4	17-39-15-4	Domestic	1922	1922
✓1065	Spokane & Alberta Coal & Coke Co., The	Crowsnest, B.C.	12	L.S. 4	26-7-6-5	Bituminous	1922	1929
✓1069	Swift, George H.	Hairy Hill	27	L.S. 2	24-55-14-4	Domestic	1922	1924
1074	Streich, Paul	Nevis	1	L.S. 8	4-38-22-4	Domestic	1923	1924
1075	Srinclair, W. B.	Rose Lynn	38	L.S. 13	27-28-13-4	Domestic	1923	1925
1076	Shepler, Ray	Rosedale Station	14	L.S. 5	7-28-18-4	Domestic	1923	1924
~1083	Consolidated with No. 824	Ardley	1	N.E. 1/4	20-38-23-4	Domestic	1923	1930
~1084	Slater, Frank	Morrin	6	L.S. 1	28-31-21-4	Domestic	1923	1934
✓1102	Slostrom, Nels	Meeting Creek	8	L.S. 14	12-43-20-4	Domestic	1923	1934
✓1126	Seale, J. E.	Carbon	6	L.S. 5	13-29-23-4	Domestic	1924	1924
1143	Stutzman, M. D.	Kingman	42	S.W. 1/2	15-49-19-4	Domestic	1924	1924
1161	Smith, E. R.	Cardston	21	L.S. 7-8	33-22-3-5	Domestic	1924	1924
✓1178	Sunheat Coal Company	Hilldown	30	L.S. 15	2-38-24-4	Sub-Bituminous	1924	1925
~1181	Storey, F. W.	Castor	1	N.W. 1/4	8-37-13-4	Domestic	1924	1925
~1184	Saunders & Gauth	Rose Lynn	38	L.S. 5	35-28-13-4	Domestic	1924	1941
1191	Sward, Henry	Beynon	14	S.E. 1/4	34-27-20-4	Domestic	1925	1926
1196	Stanley, Charles	Etzikom	41	L.S. 12	10-7-9-4	Domestic	1925	1928
1198	Spencer, Theodore	Cardston	21	L.S. 14	6-3-25-4	Domestic	1925	1927
~1205	Stutz & Low	Castor	8	L.S. 13	34-37-14-4	Domestic	1925	1933
1208	Consolidated with No. 1225	Peace River	...	L.S. 13	18-83-22-5	Domestic	1925	1926
✓1213	Strong Creek Coal Co., Ltd.	Carbon	6	L.S. 14	18-29-22-4	Domestic	1925	1927
~1225	Shannon, L. J.	Castor	8	L.S. 5	34-37-14-4	Domestic	1925	1927
1233	Scott & Brawner	Edmonton	15	L.S. 12-13	25-51-25-4	Domestic	1926	1936
✓1234	Snoski, Mike	Morrin	6	L.S. 13	7-10-16-4	Domestic	1926	1927
✓1252	Snyder, C. F.	Taber	41	L.S. 14	1-39-22-4	Domestic	1926	1929
✓1290	Stanthorpe, J. A.	Reid Hill	9	L.S. 5	24-16-22-4	Domestic	1929	1930
✓1290	Sirai, Andrew	Nevis	8	N.W. 1/4	8-37-13-4	Domestic	1929	1938
~1312	Schochenmaier & Schochenmaier	Castor	38	L.S. 1	6-29-14-4	Domestic	1929	1937
1314	Stubbs, T. E.	Hanna	15	L.S. 11	36-54-25-4	Domestic	1929	1931
1316	Sammis Collieries	Namao	38	L.S. 2	1-34-14-4	Domestic	1930	1931
1328	Smith, George	Scapa	14	L.S. 4	26-28-18-4	Domestic	1931	1931
1346	Schatz & Partners	Delia	18	L.S. 9	33-37-14-4	Domestic	1931	1931
✓1361	Shaw, Mrs. Dan	Castor	41	L.S. 4	26-9-13-4	Domestic	1931	1932
✓1378	Seely & Fortin	Grassy Lake	14	L.S. 3	12-28-19-4	Domestic	1932	1932
1399	Sunbeam Mine Co.	Willow Creek	18	L.S. 7-8-9	21-70-7-6	Domestic	1932	1941
1400	Sinclair, Hugh	Grande Prairie	15	L.S. 12	21-71-9-6	Domestic	1932	1932
1403	Schanuel & Partners	Hualien	31	S.E. 1/4	36-51-28-4	Domestic	1932	1934
✓1432	Sprucedale Colliery	Leud	38	L.S. 5	19-29-12-4	Domestic	1933	1933
1432	Sheerness Coal Co., Ltd.	Gainford	...	L.S. 15-16	36-58-27-4	Domestic	1933	1935
1444	Sutherland & Sons, W. A.	Pickardville	14	L.S. 9	19-27-20-4	Domestic	1934	1934
1457	Samuel & Mathews	Wayne	21	L.S. 14	23-4-28-4	Domestic	1934	1934
1461	Smith, Fitzpatrick & Hastings	Hillspring	18	L.S. 1-2	2-71-7-6	Domestic	1934	1936
1465	Spring Creek Coal Co., The	Dimsdale	21	S.W. 1/4	26-4-28-4	Domestic	1934	1936
1470	Smith & Partners	Hillspring	15	L.S. 11	25-51-25-4	Domestic	1935	1937
1477	Saneczko & Gorski	Ellerslie	21	L.S. 11	25-51-25-4	Domestic	1935	1937

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of		
					Opening	Abandonment	Re-opening
1510	Sunglow Coal Mine	Priddis	30	L.S. 6	Sub-Bituminous	1937	.....
1522	Schmitt & Partners	Allerton	22	L.S. 12-13	Domestic	1937	1941
✓1524	Shute & Partners, Geo.	Dinant	5	E. ½	Domestic	1937	.....
1528	Smith & Michaud	Edmonton	15	L.S. 9	Domestic	1937	1939
16	Talbot, Mr.	Namoo	15	S.E. ¼	Domestic	1904	1908
43	Thompson & Thompson	Beverly	35	L.S. 15	Domestic	1899	.....
77	Thomas & Davies	Lundbreck	12	L.S. 15	Domestic	1934	1934
✓112	Three Hills Coal & Development Co., Ltd.	Three Hills	6	S.W. ¼	Sub-Bituminous	1903	1933
✓113	Trentham, Albert	Three Hills	6	L.S. 16	Domestic	1906	1913
150	Consolidated with No. 252	Tofield	42	S.W. ¼	Domestic	1906	.....
160	Thorn, John	High River	30	9-18-2-5	Domestic	1907	1913
190	Thomson & Sons, Chas.	Lundbreck	32	N.W. ¼	Sub-Bituminous	1907	1909
215	Tredway Coal Co., Ltd.	Dodds	42	L.S. 7	Sub-Bituminous	1909	1932
223	Thomas, John	Diamond City	20	L.S. 12-13	Domestic	1910	1911
✓249	Terris, Chapen	Heister	8	L.S. 16	Domestic	1910	1921
✓251	Tyrluk, John	Tofield	32	N. ½	Domestic	1910	.....
313	Tonge & Gorton	Fincher Creek	42	L.S. 1	Domestic	1911	1911
✓322	Trochu Coal Co., Ltd.	Trochu	6	S.E. ¼	Domestic	1911	1913
340	Consolidated with No. 252	Windy Ridge	42	L.S. 4	Domestic	1912	.....
382	Thorpe, George W.	Drumheller	14	L.S. 13	Domestic	1913	1914
464	Toth, John	Warner	22	L.S. 4	Domestic	1915	1918
✓481	Tate, John F.	Ferry Point	8	S.E. ¼	Domestic	1915	1916
✓637	Trentham, Wm. T.	Three Hills	18	L.S. 15	Domestic	1916	1923
651	Tissington Bros.	Grande Prairie	1	L.S. 15	Sub-Bituminous	1918	1931
736	Turner Valley Collieries	Turner Valley	30	L.S. 8	Domestic	1921	1923
✓930	Tinsdale & Smith	Nevis	41	L.S. 1	Domestic	1921	1924
936	Turner & Smith	Suffield	41	L.S. 3	Domestic	1922	1924
✓994	Tunke, A. H.	Edberg	8	L.S. 3	Domestic	1922	1925
✓999	Taylor, E. H.	Halkirk	15	L.S. 13	Domestic	1923	1923
1123	Terris, Chapen	Graminia	15	L.S. 13	Domestic	1924	.....
1134	Turner, Cowger & Cowger	Ralcourt	11	L.S. 11	Domestic	1924	.....
✓1157	Thirty-two Collieries, Ltd.	Robb	18	L.S. 11	Sub-Bituminous	1924	.....
1212	Tabor, W. J.	Rainbow	14	L.S. 16	Domestic	1925	1927
1229	Taylor (Mrs.) & Miller	Bon Accord	15	L.S. 9	Domestic	1936	1941
1301	Taylor, Thomas	Groton	22	L.S. 8-9-10	Domestic	1929	.....
✓1324	Tiffin, Albert	Castor	28	L.S. 10	Domestic	1930	1931
1449	Tarlo Bros.	Della	38	L.S. 6	Domestic	1933	.....
1459	Thomson & Kerr	Holborn	31	L.S. 14	Domestic	1934	1935
✓1466	Thomson, Watson & Sindlinger	Vulcan	9	N.W. ¼	Domestic	1934	1936

1494	Thorsby Coal Company	Thorsby	45	L.S. 4-5	4-48-27-4	Domestic	1936	1939
1517	Thorhild Coal Company	Thorhild	35	L.S. 12-13	12-60-21-4	Domestic	1937	1941
1525	Teepee Creek Mining Co.	Sexsmith	37	L.S. 9	8-75-3-5	Domestic	1937	
488	Unsworth, Robert	Hanna	38	L.S. 13	6-33-13-4	Domestic	1915	1927
788	Unwin, Wm.	Lethbridge	20	L.S. 1	18-7-21-4	Domestic	1918	1918
1057	Ulmer, W. F.	Castor	8	N.W. $\frac{1}{4}$	3-38-14-4	Domestic	1922	
1256	Unsworth, R. J.	Scapa	38	L.S. 16	25-33-14-4	Domestic	1926	1941
1300	United Coal Co. of Willow Creek, The	Drumheller	14	L.S. 15	12-28-19-4	Domestic	1929	1936
55	Vargo, Steve	Lethbridge	20	L.S. 1	18-7-21-4	Domestic	1902	
448	Valentini, M.	Bow Island	41	L.S. 3-6	36-11-11-4	Domestic	1914	1941
782	Van Bibber, R. M.	Beynon	14	L.S. 14	31-27-20-4	Domestic	1918	1929
830	Van de Ryse & Beekart	Lake Isle	31	L.S. 2	34-53-6-5	Domestic	1919	1921
896	Vitaly Co. Ltd.	Blackstone Mines	11	L.S. 5	16-47-19-5	Sub-Bituminous	1921	1925
892	Van Brocklin & Wonski	Lethbridge	20	L.S. 2	16-10-21-4	Domestic	1921	1923
896	Vare, Sam	Boundary Creek	21	N.E. $\frac{1}{4}$	29-1-26-4	Domestic	1922	1926
896	Vare, Walter E.	Boundary Creek	21	N.W. $\frac{1}{4}$	32-1-26-4	Domestic	1922	1922
397	Val d'or Collieries, The	Reco	11	L.S. 2 $\frac{1}{4}$	19-47-19-5	Sub-Bituminous	1922	1932
1014	Val d'or Collieries, The	Reco	41	S.E. $\frac{1}{4}$	30-10-16-4	Domestic	1923	1924
1073	Valgardson, Wm.	Three Hills	6	L.S. 15	9-31-22-4	Domestic	1929	1933
1315	Vasseur, Rene	Drumheller	14	L.S. 7	22-29-20-4	Domestic	1932	1932
1384	Vokes, W.	Drumheller	35	L.S. 1	24-62-24-4	Domestic	1938	1939
1548	Vollrath Bros. & Brennells	Rochester						
64	West Canadian Collieries, Ltd.	Blairmore	12	L.S. 10	8-8-3-5	Bituminous	1902	1913
87	West Canadian Collieries, Ltd.	Bellevue	15	Nge given	20-7-3-5	Bituminous	1903	
102	Wilson, John	Leduc	15	L.S. 13-14	22-31-24-4	Domestic	1904	1905
116	Watson, George	Three Hills	15	L.S. 13-14	20-51-25-4	Domestic	1906	1915
122	Wetaskiwin Coal Co.	Edmonton South	41	L.S. 14	7-10-16-4	Domestic	1906	1907
132	Wallwork & Hesketh	Edmonton	15	L.S. 14	22-31-24-4	Domestic	1907	1915
142	Watson, George	Three Hills	15	River Lot 31	31-2-13-4	Domestic	1907	1915
148	Western Coals, Ltd.	Edmonton	22	L.S. 13	36-11-11-4	Domestic	1908	1912
179	Wood, Matt	Milk River	41	S.W. $\frac{1}{4}$	35-7-4-5	Domestic	1909	1919
186	Wallwork, James	Bow Island	12	L.S. 7 $\frac{1}{4}$	4-16-23-4	Bituminous	1909	1918
193	West Canadian Collieries, Ltd.	Blairmore	9	L.S. 13	13-10-17-4	Domestic	1909	1918
198	Watkins, W. E.	Champion	41	L.S. 1	26-37-14-4	Domestic	1910	1916
201	Williams Coal Company	Taber	8	S.E. $\frac{1}{4}$	10-5-1-5	Domestic	1911	1916
243	Washkoski, Michael S.	Castor	12	L.S. 11	22-31-24-4	Domestic	1911	1929
295	Wilson, E. A.	Pincher Creek	22	L.S. 11-12	10-3-11-4	Domestic	1911	1921
303	Watson, Walter R.	Three Hills	6	L.S. 7	29-38-23-4	Domestic	1911	1919
308	Wukusick, Louis	Lucky Strike	1	S.E. $\frac{1}{4}$	14-33-23-4	Domestic	1911	1930
314	Walsh, William R.	Ardley	6	S.E. $\frac{1}{4}$	19-29-12-4	Domestic	1911	1923
315	Weisenberger & Weber	Trochu	38	L.S. 7-8	2-8-4-5	Domestic	1911	1923
321	Warnebold, J.	Sheerness	12	L.S. 10	10-3-11-4	Bituminous	1913	1924
396	West Canadian Collieries, Ltd.	Blairmore	22	L.S. 10	18-44-19-4	Domestic	1913	1924
421	Consolidated with 881	Groton	15	S.E. $\frac{1}{4}$	3-55-24-4	Domestic	1914	1915
430	Weaver, Hugh	Edberg	8	S.E. $\frac{1}{4}$	14-31-24-4	Domestic	1914	1915
442	Willisroft, W. & G.	Namoo	6	L.S. 6	12-23-15-4	Domestic	1914	1925
445	Watson, George	Twining	40	L.S. 4		Domestic	1914	1928
460	Winwood, J. H.	Gem						

THE MINES BRANCH

LIST OF MINES—Continued

Mine No.	Operator	Address	District No.	Location	Date of	
					Opening	Abandonment Re-opening
624	Williams C.	Priddis	30	S.E. 1/4	1915	1916
630	Consolidated with No. 243	Castor	8	26-37-14-4	1916	1916
640	Western Commercial Co. Ltd.	Wayne	14	L.S. 1	1916	1916
643	Western Gem & Jewel Collieries, Ltd.	Wayne	14	L.S. 6	1916	1938
654	Waldo, Walter H.	Halcourt	18	L.S. 1	1916	1917
678	Western Gem & Jewel Collieries, Ltd.	Drumheller	14	L.S. 13	1917	1937
682	Wedman, G.	Edmonton South	15	L.S. 4	1917	1918
703	Wayne Coal Producers Association, Ltd.	Wayne	14	L.S. 3	1917	1941
705	Wright, George	Garden Plain	38	L.S. 10	1917	1919
721	Worthington & Cunningham	Edmonton South	15	L.S. 10-11	1917	1919
739	Watkins, W. E.	Champion	9	L.S. 4	1917	1918
763	Consolidated with No. 1493	Drumheller	14	L.S. 1, 2, 7	1917	1930
807	Wilkinson, Frank	Donalda	8	L.S. 1	1918	1930
822	Willis, Walter	Champion	9	L.S. 4	1919	1940
834	Wilson, Frank L.	Rosalind	8	L.S. 14	1919	1919
862	Wright, James	Garden Plain	38	S.W. 1/4	1919	1921
881	Walters, R. C.	Lucky Strike	22	L.S. 11	1920	1926
889	Welsh & Forsyth	Lethbridge	20	L.S. 16	1921	1928
914	Ward, John	Eyremore	3	L.S. 3	1921	1935
928	Willis, John	Nevis	1	L.S. 15-16	1921	1923
975	Westgate Coal Syndicate	Eyremore	3	L.S. 15	1922	1923
1008	Watson, William	Drumheller	14	L.S. 11	1922	1926
1034	Williams, J. J.	Edmonton South	15	L.S. 11	1922	1922
1063	Wilde, John	Cornucopia	8	L.S. 11	1922	1923
1101	Wall, W. H.	Canrose	5	S.E. 1/4	1923	1925
1125	Williamson, C. N.	Priddis	30	L.S. 7	1924	1924
1142	Williams, E.	Leduc	15	L.S. 11	1924	1925
1174	Walker, J. W.	Wainwright	44	N.E. 1/4	1924	1925
1218	Walker, C. C.	Rosalind	8	L.S. 4	1925	1927
1244	Wheatley & Sons, Frank	Barrf	7	L.S. 9	1926	1927
1245	Wisla, Albert	Meeting Creek	8	L.S. 12	1926	1927
1262	Wilson, B. A.	Pincher Creek	12	L.S. 15	1926	1927
1268	Wisla, Albert	Meeting Creek	8	L.S. 4	1927	1927
1287	Williams & Jensen	Elmore	2	L.S. 4	1927	1928
1383	Western General Agencies, Ltd.	Calgary	23	N.W. 1/4	1928	1935
1387	White, Henry	Cragmylie	38	L.S. 2	1928	1933
1413	Whymark & Stewart	Byemore	8	L.S. 8-9	1932	1936
1428	Wong, Wing	Barhead	35	L.S. 16	1933	1934
1446	Westlock Coal Co.	Rayway	38	L.S. 15	1933	1937
1456	Weber, G.	Endiang	38	L.S. 6	1934	1941
1480	Westcott, Henry	Wayne	17	N.E. 1/4	1935	1936

THE MINES BRANCH

BOARD OF EXAMINERS

The Provincial Board of Examiners during the year 1941 consisted of the following: As representing:

- (a) The Mine Inspectorate:
Andrew A. Millar, Chief Inspector of Mines.
- (b) Managers:
A. C. Dunn, James Cumberford.
- (c) Working Miners:
William Lammie, Evan Morgan.
Secretary, A. B. Hunter.

Examinations during the year were held as follows:

For third class at the following centres: Edmonton, Drumheller, Blairmore, Nordegg, Lethbridge, on May 27th.

For first and second class on June 3, 4 and 5, at Canmore, Cadomin, Lethbridge, Drumheller and Edmonton.

For Mine Surveyor on June 5th at Drumheller, Blairmore and Cadomin.

The Board of Examiners for the examination of candidates for certificates of competency as mine electricians, comprised of Mr. A. B. Hunter as chairman, and Mr. Burton Tait, Electrical Inspector of Mines, as the other member, held examinations at the following centres during the year:

Edmonton May 1st, Calgary September 23rd, Drumheller September 25th, Lethbridge September 29th, and Edmonton November 3rd.

Eleven candidates presented themselves for examination for first class certificates, of whom 5 were successful. This included one candidate for Supplementary Examination who was successful.

Twenty-five candidates presented themselves for examination for second class certificates, of whom 10 were successful. Four candidates sat Supplementary Examinations for second class, all being successful.

Thirty candidates presented themselves for third class certificates, of whom 20 were successful.

Fourteen candidates presented themselves for mine electricians certificates, of whom 8 were successful.

The successful candidates for all certificates are in the list following herewith.

LIST OF NAMES OF HOLDERS OF FIRST, SECOND AND THIRD CLASS AND MINE ELECTRICIANS' CERTIFICATES

Issued by the Government of the Province of Alberta during the year 1941

FIRST CLASS

Name	Address	Cert. No.	Date of Issue
Crawford, Hugh	Lethbridge	5	11- 7-41
Hamilton, Duncan C.	Luscar	7	15- 7-41
Melnyk, Nick	Cadomin	4	11- 7-41
Muir, Alexander	Alexo	6	11- 7-41
Miller, Henry	Rosedale	8	25- 7-41

SECOND CLASS

Bradshaw, Richard	East Coulee	8	12- 7-41
Carson, James	Edmonton (Duplicate) ..	16	25- 9-41
Johnstone, Alexander	Edmonton	7	11- 7-41
Lloyd, James H.	Blairmore	12	25- 7-41
Lister, Arthur L.	Cadomin	14	25- 7-41
Park, Angus	Edmonton	15	28- 7-41
McDonald, William I.	Willow Creek	9	12- 7-41
Strickland, William	East Coulee	11	14- 7-41
Stevenson, Robert	East Coulee	13	25- 7-41
Welsh, Edwin L.	Lethbridge	10	12- 7-41

THIRD CLASS

Name	Address	Cert. No.	Date of Issue
Ainsworth, John H.	Halkirk	29	25- 7-41
Brinkman, Alfred T.	Craigmyle	16	14- 1-41
Duncan, David R.	Alexo	24	15- 7-41
Eskeland, Arthur	Champion	21	12- 7-41
Farnworth, George	Nordegg	30	25- 7-41
Fraser, James V.	Coleman	32	25- 7-41
Gladwin, Lewis C.	Carstairs	19	11- 7-41
Horkulak, Andrew	Thorsby	25	15- 7-41
Howells, David T.	Lethbridge	27	15- 7-41
Hibbert, George	Three Hills	28	15- 7-41
Kryskow, Michael	Carbondale	20	12- 7-41
Larson, Tony	Edberg	33	25- 7-41
Mitchinson, Thomas	Donalda	18	11- 7-41
Marconi, Gordon	Coleman	22	12- 7-41
Marasco, Frank	Nordegg	23	15- 7-41
Morrison, Neil	Mercoal	26	15- 7-41
Merrington, Robert H.	Ryley	31	25- 7-41
Mullingner, William H.	Three Hills	35	20- 8-41
McMillan, Alexander	Rosebud	34	28- 7-41
Richards, Clifford	Hillcrest	17	11- 7-41

MINE SURVEYOR

Dwarkin, L. M.	Coleman	2	30-10-41
Wilson, Andrew	Rosedale Station	1	19- 7-41

MINE ELECTRICIAN

Burch, George	Shaughnessy	107	1-10-41
Hodgkinson, John L.	Evansburg	112	21-11-41
Musgrove, Fred	Canmore	105	1-10-41
Oliver, Kenneth	Taber	109	1-10-41
Phillips, Robert	Edmonton	111	21-11-41
Riordan, Leo	Edmonton	104	1- 5-41
Thackray, John	Shaughnessy	108	1-10-41
Tait, Burton	Edmonton	110	21-11-41
Wollersheim, Phillip	Drumheller	106	1-10-41

NEW CLASSIFICATION OF ALBERTA COALS BY AREAS, AS SUBMITTED BY THE
ASSOCIATE COMMITTEE OF EACH CLASSIFICATION

Areas	A S.T.M. Rank (D388-38) and Class											
	Anthracite				Bituminous					Sub-Bituminous		
	Group	Meta-anthracite	Anthracite	Semi-anthracite	Low volatile	Medium volatile	High volatile A	High volatile B	High volatile C	Sub bituminous A	Sub-bituminous B	Sub-bituminous C
Ardley
Big Valley
Brooks
Brule
Camrose
Carbon
Cascade
Castor
Champion
Clearwater†
Coalspur
Crowsnest
Drumheller
Edmonton
Empress†
Gleichen
Halcourt
Highwood
Lethbridge
Magrath
Milk River
Morley†
Mountain Park
Nordeg
Oldman†
Pakan
Pakowki
Panther†
Pekisko
Pembina
Pincher
Prairie Creek
Redcliff
Rochester
Saunders
Sexsmith
Sheerness
Smoky River†
Steveville†
Taber
Tofield
Valhalla†
Wainwright†
Westlock†
Wetaskiwin
Whitcourt

†Non-producing district at present.

*Kind or rank of coal is indicated at the heading of this column.

NUMBER OF MINES OPENED, ABANDONED AND RE-OPENED ACCORDING TO
AREAS AND KIND OF COAL, DURING THE YEAR

Area	Area Number	Character of Coal	No. of Mines in operation Dec. 31, '41	Mines opened during the year	Mines re-opened during the year	Mines closed but not abandoned	Mines abandoned during the year	Name and Address of District Inspector of Mines
Ardley	1	Domestic	9				3	
Big Valley	2	Domestic	4					
Camrose	5	Domestic	7					
Carbon	6	Domestic	9			1		John Crawford,
Castor	8	Domestic	28	1				401 Terrace Bldg.,
Edmonton	15	Domestic	15				1	Tel. No. 916480.
Pembina	31	Domestic	1	1				
Tofield	42	Domestic	4					
Wetaskiwin	45	Domestic	1				2	
Brooks	3	Domestic	2					
Champion	9	Domestic	5				2	
Lethbridge	20	Domestic	12	3		1		W. E. G. Hall,
Magrath	21	Domestic				1		Lethbridge, Alta.,
Milk River	22	Domestic	3			1		Tel. No. 3325.
Pakowki	28	Domestic	2			1	1	
Redcliff	34	Domestic	2					
Taber	41	Domestic	8	1		1	3	
Coalspur	11	Sub-Bituminous	6					Wm. Goodwin,
Mountain Park	24	Bituminous	4					Edson, Alta.,
Pembina	31	Domestic	4					Tel. No. 35.
Prairie Creek	33	Sub-Bituminous				1		
Crowsnest	12	Bituminous	6			2		E. H. Morgan,
Pincher	32	Sub-Bituminous	2	1				Blairmore, Alta.,
Carbon	6	Domestic	4				1	Tel. No. 70.
Cascade	7	Bituminous	2					
Drumheller (Wayne)	14	Domestic	8		1	2	1	W. G. Heeley,
Gleichen	17	Domestic	3					New Court House
Highwood	19	Bituminous	1					Building,
Nordegg	25	Bituminous	1					Calgary, Alta.,
Pekisko	30	Sub-Bituminous	3			1		Tel. No. M842-84.
Saunders	36	Sub-Bituminous	3					
Drumheller	14	Domestic	17			2	2	J. T. Burton,
Gleichen	17	Domestic	3				1	Drumheller, Alta.,
Sheerness	38	Domestic	6			2	4	Tel. No. 413.
Edmonton	15	Domestic	14	1			1	
Halcourt	18	Domestic	5			2		
Whitcourt	46	Domestic	1					A. B. Hunter,
Pakan	27	Domestic				1		Edmonton, Alta.,
Rochester	35	Domestic	2					Tel. No. 916415.
Sexsmith	37	Domestic					1	
Westlock		Domestic				1		
Total			207	8	1	24	26	

In addition to the above, Mr. A. B. Hunter, 10898 75th Street, Edmonton is acting in the capacity of Assistant Chief Inspector of Mines, Telephone No. 72212.

In addition to the above, Mr. Burton Tait is the Electrical Inspector for all mines in the Province. His address is 5 Normandie A pts., and the Telephone No. 23716.

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